KYMCO

OWNER'S MANUAL

UXV 500

Do not remove this Owner's Manual from the vehicle. Read this manual carefully before operating the vehicle as it contains important safety information.

Your Side-by-Side vehicle can be hazardous to operate.

A collision or a rollover can happen quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.

For your safety, understand and follow all of the warnings contained in this Owner's Manual and the labels applied to your vehicle.

Keep this Owner's Manual with your vehicle at all times.

FAILURE TO FOLLOW THE WARNINGS CONTAINED IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH.

Particularly important information is called out in this manual by the following icons and notations:

The SAFETY ALERT symbol with the exclamation point in the triangle means ATTENTION! BE ALERT! YOUR SAFETY CAN BE AFFECTED.

⚠ WARNING

Failure to follow instructions associated with a WARNING symbol could result in severe injury or death to the operator, a passenger, a bystander, or a person inspecting or repairing the vehicle.

⚠ CAUTION

A CAUTION symbol indicates that special precautions must be taken to avoid damaging the vehicle.

■ NOTE

The NOTE symbol indicates key information about a procedure or to clarify an operation.

California Proposition 65

⚠ WARNING

This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 1 - SAFETY INTRODUCTION

FOREWORD

Congratulations, and thank you for your purchase of a KYMCO Side-by-Side off-road vehicle (also known as a “UTV”). Built with American engineering and manufacturing knowledge, it is designed to provide a superior ride, great comfort, and strong utility capabilities.

This Owner’s Manual was produced to ensure that you become aware of safe off-road vehicle operating procedures. It also includes information about the general care and maintenance of your UXV500.

Carefully read this manual. If you have any questions regarding your UXV500, contact an authorized KYMCO dealer for assistance.

Remember, only authorized KYMCO dealers have the knowledge and resources to provide you with the best service possible.

PROTECT YOUR SPORT

Being able to use and enjoy your KYMCO Side-by-Side vehicle requires you and your family to operate it in a responsible manner. Before riding your UXV500 you should:

- Learn and adhere to all local and state off-road riding laws
- Respect your vehicle and its capabilities and limitations
- Respect the environment and the rights of others

We also advise you to strictly follow the recommended maintenance program for your UXV500 as outlined in this manual. This preventative maintenance program was designed to ensure that all of the critical components of your vehicle are thoroughly inspected at various intervals.

The information in this manual is based on the latest product data and specifications available at the time of printing. KYMCO Inc. reserves the right to make product changes and improvements which may affect illustrations or explanations without notice.

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YOUR UTV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE.

■ This Side-by-Side vehicle (UTV) handles differently from other vehicles, including motorcycles, ATVs and automobiles. A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills and over obstacles if you fail to take proper precautions.

■ Read this Owner's Manual carefully and follow the operational procedures within. Pay special attention to the warnings in this manual and applied to your vehicle.

■ Always ride slowly and be extra careful when operating your UXV500 on unfamiliar terrain. Be alert for changing conditions and terrain when operating your vehicle.

■ Never operate your UXV500 on excessively rough, slippery, or loose terrain.

■ Always follow proper procedures for turning as described in this manual. Practice turning at slow speeds before attempting to turn at faster speeds. Do not turn at an excessive speed.

■ Always have your UXV500 inspected by an authorized KYMCO ATV dealer if it has been involved in an accident.

■ Never operate your UXV500 on hills that are too steep for the vehicle or for your abilities. Practice on smaller hills before attempting larger hills.

■ Never operate this vehicle on a public road, even a dirt or gravel road, as you may not be able to avoid a collision with another vehicle.

■ Avoid paved surfaces with your UXV500 This vehicle is not designed to be driven on paved surfaces as its handling and control will be seriously affected.

■ Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills that have slippery or loose surfaces. Shift your weight forward when climbing hills. Never open the throttle suddenly or make sudden gear changes. Never go over the top of any hill at high speed.

■ Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Never go down a hill at high speed. Avoid going down a hill at an angle that would cause your UXV500 to lean sharply to one side. Go straight down the hill where possible.

■ Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with slippery or loose surfaces. If possible, shift your weight to the uphill side of the vehicle. Never attempt to turn the vehicle around on any hill until you have mastered the turning techniques described in this manual on level ground. Avoid crossing the side of a steep hill if possible.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

YOUR UTV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE.

■ Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual. Exit the vehicle on the uphill side or to either side if pointed straight uphill. Turn the vehicle around and reenter it following the procedure described in this manual.

■ Always check for obstacles before operating in an area that you are unfamiliar with. Never attempt to operate your UTV over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.

■ Always be alert for conditions that could cause skidding or sliding. On slippery surfaces such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.

■ Never operate your UTV in fast flowing water or in water deeper than the floor boards. Remember that wet brakes may reduce stopping capability. Test your brakes after leaving water. If necessary, apply them lightly several times to let friction dry out the pads.

■ Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.

■ Always be sure there are no obstacles or people behind you when you operate your UTV in reverse. When it is safe to proceed in reverse, go slowly. Avoid turning at sharp angles in reverse.

■ Never improperly install or improperly use accessories on your UXV500.

■ Always wear the seat belt while driving this vehicle.

■ Never alter the hand and foot controls of this vehicle.

■ Never operate this vehicle with the overhead canopy removed.

■ Never exceed the stated load capacity for any UTV. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer and allow greater distance for braking.

■ Operation of this UTV is restricted to people 16-years of age or older who posses a valid motor vehicle operator's license. It is recommended that passengers be older than 6-years of age.

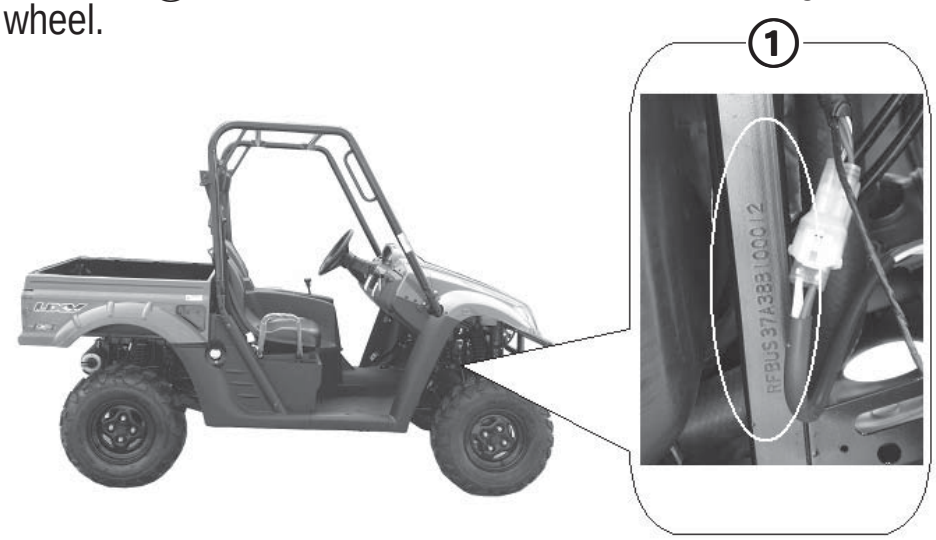
⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SERIAL NUMBER LOCATIONS

VEHICLE IDENTIFICATION NUMBERS

Your KYMCO UXV500 has two identification numbers: the Vehicle Identification Number (VIN), and the Engine Serial Number (ESN).

The VIN ① is located on the frame, behind the right, front wheel.



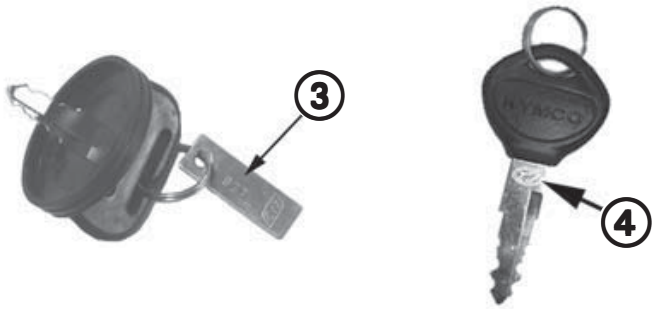
The ESN ② is located on the rightside of the engine crankcase.

The VIN and ESN are required by your KYMCO dealer to order proper parts, perform service, and submit warranty claims. Always provide your vehicle's year, model, VIN and ESN when contacting an authorized KYMCO dealer for assistance.

Warranty repairs will be declined by KYMCO if the VIN or ESN on your ATV have been removed or altered in any way. If your ATV requires a repair that will replace the engine crankcase or the frame, ask your dealer to contact KYMCO to discuss the situation.

KEYS

Four keys are supplied with your KYMCO UXV500. Two identical keys ③ operate the ignition switch, while two identical keys ④ are used to access the glove box and gas tank cap. Record the key numbers, and keep one key of each type in a safe place as spares.



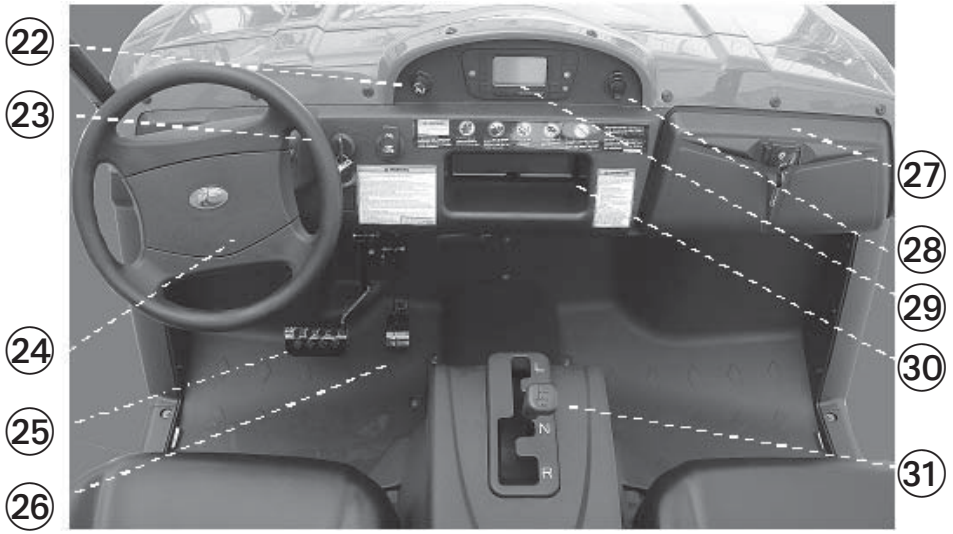
■ NOTE: Record your VIN, ESN and key number codes on the inside, back cover of this manual.

LOCATION OF PARTS AND CONTROLS

① Right Head Cushion
② Right Seat (passenger)
③ Right Tail/Brake Light
④ Left Head Cushion
⑤ Left Seat (driver)
⑥ Left Tail/Brake Light
⑦ Seat Belts
⑧ Cargo Bed
⑨ Headlights
⑩ Battery
⑪ Steering Wheel
⑫ Canopy
⑬ Grab Handles
⑭ Bumper
⑮ Tools & Spare Parts Box

■ NOTE: Your vehicle may differ slightly in appearance from the images in this manual.

LOCATION OF PARTS AND CONTROLS



⑯ Hood

⑰ Grab Handles

⑱ Seat Belts

⑲ Fuel Tank Cap (gas cap)

⑳ Muffler & Spark Arrestor

㉑ Latch Handles

㉒ Choke Knob

㉓ Ignition Switch

㉔ Steering Wheel

㉕ Brake Pedal

㉖ Throttle Pedal (accelerator)

㉗ Glove Box (locking storage)

㉘ Auxiliary Power Outlet

㉙ Speedometer

㉚ Glove Box (open)

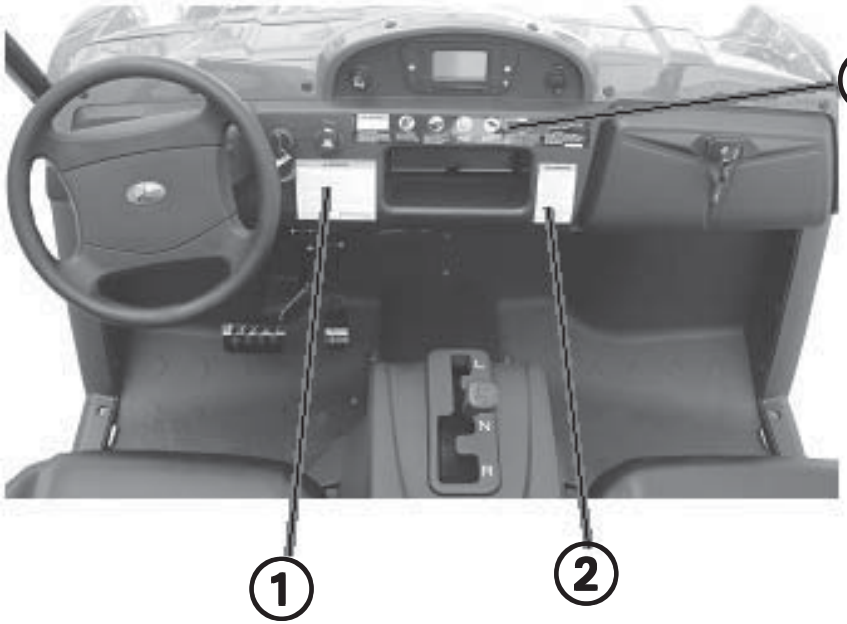
㉛ Transmission Shift Lever

■ NOTE: Your vehicle may differ slightly in appearance from the images in this manual.

WARNING LABELS & HANGTAGS

Your KYMCO UXV500 comes equipped with several labels and hangtags containing important safety information. Anyone who drives the vehicle should read and understand this information before operation. The labels should be considered permanent parts of the vehicle. If a label comes off or becomes hard to read, contact your KYMCO dealer immediately for a replacement.

WARNING LABELS
On the vehicle's dash



See following page

1

⚠ WARNING

IMPROPER TIRE PRESSURE OR OVER-LOADING CAN CAUSE LOSS OF CONTROL AND RESULT IN **SEVERE INJURY** OR **DEATH.**

ALWAYS

- WEAR A SEAT BELT WHEN RIDING IN THIS VEHICLE.
- KEEP YOUR HANDS AND FEET INSIDE THE VEHICLE AND WATCH FOR BRANCHES, BRUSH, OR OTHER HAZARDS THAT COULD ENTER THE VEHICLE.
- ROLLOVER COULD CAUSE **SEVERE INJURY** OR **DEATH.** THE ROLL BAR AND SEATBELT CANNOT PROTECT OCCUPANTS IN ALL ACCIDENTS, INCLUDING ROLLOVER.
- DRIVE STRAIGHT UP AND DOWN INCLINES - DRIVING ACROSS THE SIDE OF AN INCLINE INCREASES THE RISK OF OVERTURNS.

NEVER

- EXCEED THE VEHICLE LOAD CAPACITY OF 910 KG (2006 LBS). INCLUDES WEIGHT OF OPERATOR, PASSENGER, CARGO, ACCESSORIES, AND TRAILER TONGUE. MAXIMUM LOAD IN CARGO BED: **190** KG (**418** LBS).
- WHEN LOADED-BACK DOWN A SLOPE AND APPLY BRAKES OR ACCELERATE UPHILL.
- LOADING/TRAILER TOWING CARGO OR TRAILER CAN AFFECT STABILITY AND HANDLING. WHEN LOADED WITH CARGO OR TOWING A TRAILER
  -REDUCE SPEED
  -ALLOW MORE ROOMS TO STOP
  -AVOID HILLS AND ROUGH TERRAIN
  -OPERATE IN LOW RANGE GEARS ONLY

LOCATE AND READ OPERATOR'S MANUAL.
FOLLOW ALL INSTRUCTIONS AND WARNINGS.
87517-LEE8-E00

2

⚠ WARNING

FAILURE TO STOP VEHICLE COMPLETELY BEFORE ENGAGING REVERSE COULD RESULT IN YOUR BEING THROWN FROM THE VEHICLE.

TO ENGAGE REVERSE:

1. **STOP VEHICLE COMPLETELY.**
2. **BRING ENGINE TO IDLE. APPLY BRAKE.**
3. **SHIFT TRANSMISSION TO NEUTRAL.**
4. **SHIFT TRANSMISSION INTO REVERSE WHILE APPLYING BRAKE.**

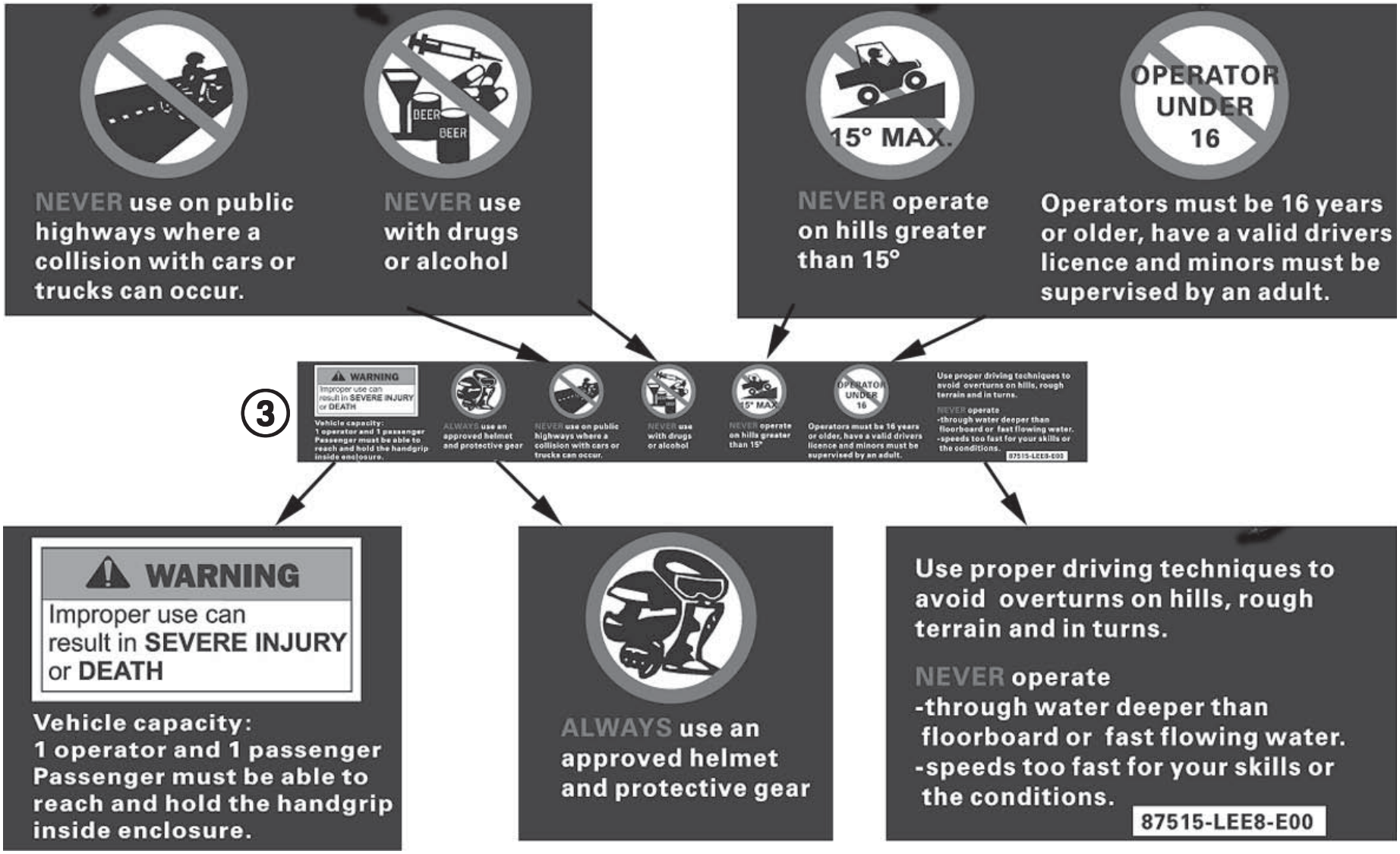
WHEN STOPPED:
PUT GEAR SELECTOR IN NEUTRAL AND APPLY PARK BRAKE BEFORE LEAVING THE VEHICLE. READ OPERATORS MANUAL LOCATED UNDER THE PASSENGER SEAT FOR ADDITIONAL INFORMATION. WRITE TO KYMCO FOR FREE REPLACEMENT IF MISSING.

87512-LEE8-E00

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNING LABELS

On the vehicle's dash


NEVER use on public highways where a collision with cars or trucks can occur.
NEVER use with drugs or alcohol
15° MAX.
NEVER operate on hills greater than 15°
OPERATOR UNDER 16
Operators must be 16 years or older, have a valid drivers licence and minors must be supervised by an adult.
3
WARNING
Improper use can result in SEVERE INJURY or DEATH
Vehicle capacity:
1 operator and 1 passenger
Passenger must be able to reach and hold the handgrip inside enclosure.
ALWAYS use an approved helmet and protective gear
Use proper driving techniques to avoid overturns on hills, rough terrain and in turns.
NEVER operate
-through water deeper than floorboard or fast flowing water.
-speeds too fast for your skills or the conditions.
87515-LEE8-E00

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNING LABELS

On the vehicle's chassis

5

⚠ WARNING

- IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL.
- LOSS OF CONTROL CAN RESULT IN SEVERE INJURY OR DEATH.
- OPERATING TIRE PRESSURE:SET WITH TIRES COLD.
  RECOMMENDED : FRONT : 70 kPa , (0.70 kgf/cm^2) , 10 psi
  REAR : 98 kPa , (0.98 kgf/cm^2) , 14 psi
  MINIMUM : FRONT : 63 kPa , (0.63 kgf/cm^2) , 9 psi
  REAR : 91 kPa , (0.91 kgf/cm^2) , 13 psi
- NEVER SET TIRE PRESSURE BELOW MINIMUM.
- TIRE MAY DISLODGE FROM RIM.
- GROSS VEHICLE WEIGHT RATING:910 KG (2006 LBS)
- MAXIMUM INCLUDING WEIGHT OF OPERATOR, PASSENGER, ACCESSORIES, CARGO, AND (IF APPLICABLE) TRAILER TONGUE WEIGHT.

87505-LEE8-E00

4

⚠ WARNING

VEHICLE ROLLOVER COULD CAUSE SEVERE INJURY OR DEATH.

THIS STRUCTURE IS NOT A CERTIFIED ROLLOVER PROTECTIVE STRUCTURE (ROPS) AND WILL NOT PROTECT OCCUPANTS IN ACCIDENTS AND ROLLOVERS.

87321-LEE8-E00

6

⚠ WARNING

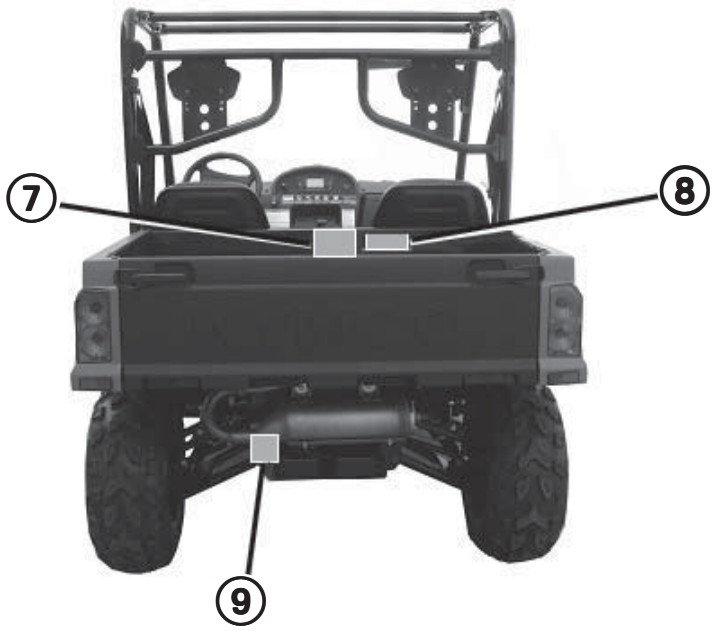
- KEEP HANDS, BODY AND OTHER PERSONS AWAY FROM CLOSING CARGO BOX.
- DO NOT OPERATE THE VEHICLE WITH CARGO BOX UP.

87033-LEE8-E00

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNING LABELS

On the vehicle's chassis



7

⚠ WARNING

SEVERE INJURY OR DEATH CAN RESULT IF YOU IGNORE FOLLOWING:

- MAXIMUM LOAD IN CARGO BED: 190 KG (418 LBS).

-BE SURE CARGO IS SECURED, A LOOSE LOAD COULD SHIFT AND CHANGE HANDLING UNEXPECTEDLY.

-KEEP WEIGHT IN THE CARGO BED CENTERED, LOW AND FORWARD, TOP-HEAVY LOAD INCREASES THE RISK OF OVERTURNS.

- NEVER CARRY PASSENGERS IN CARGO BED.

87323-LEE8-E00

8

⚠ WARNING

Do not sit on or use tail gate as a step.

87577-LEE8-E00

9

⚠ WARNING

EXCEEDING VEHICLE'S TOWING LIMIT COULD CAUSE AN ACCIDENT.

REDUCE SPEED WHEN TOWING A TRAILER.

DO NOT TOW IN REVERSE OVER 5 mph.

HIGH SPEED WILL RESULT IN LOSS OF CONTROL.

READ OWNER'S MANUAL FOR DETAILS.

- MAXIMUM TONGUE WEIGHT: 50 KG (110 LBS).

- MAXIMUM TOWING CAPACITY: 550 KG (1212 LBS).

87040-LEE8-E00

10

⚠ WARNING

VEHICLE ROLLOVER COULD CAUSE SEVERE INJURY OR DEATH.

THIS STRUCTURE IS NOT A CERTIFIED ROLLOVER PROTECTIVE STRUCTURE (ROPS) AND WILL NOT PROTECT OCCUPANTS IN ACCIDENTS AND ROLLOVERS.

87321-LEE8-E00

11

⚠ WARNING

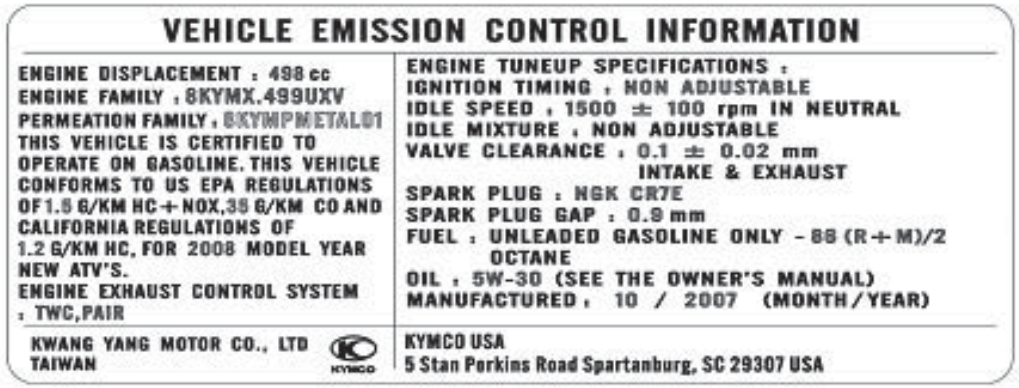
- KEEP HANDS, BODY AND OTHER PERSONS AWAY FROM CLOSING CARGO BOX.
- DO NOT OPERATE THE VEHICLE WITH CARGO BOX UP.

87033-LEE8-E00

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

EPA LABEL & HANGTAG

1. EPA LABEL



VEHICLE EMISSION CONTROL INFORMATION

ENGINE DISPLACEMENT : 498 cc
ENGINE FAMILY : 8KYMX.499UXV
PERMEATION FAMILY : 8KYMPMETAL01
THIS VEHICLE IS CERTIFIED TO OPERATE ON GASOLINE. THIS VEHICLE CONFORMS TO US EPA REGULATIONS OF 1.5 G/KM HC+NOX,35 G/KM CO AND CALIFORNIA REGULATIONS OF 1.2 G/KM HC, FOR 2008 MODEL YEAR NEW ATV'S.
ENGINE EXHAUST CONTROL SYSTEM : TWC,PAIR

ENGINE TUNEUP SPECIFICATIONS :
IGNITION TIMING : NON ADJUSTABLE
IDLE SPEED : 1500 ± 100 rpm IN NEUTRAL
IDLE MIXTURE : NON ADJUSTABLE
VALVE CLEARANCE : 0.1 ± 0.02 mm
INTAKE & EXHAUST
SPARK PLUG : NGK CR7E
SPARK PLUG GAP : 0.9 mm
FUEL : UNLEADED GASOLINE ONLY - 88 (R+M)/2 OCTANE
OIL : 5W-30 (SEE THE OWNER'S MANUAL)
MANUFACTURED : 10 / 2007 (MONTH/YEAR)

KWANG YANG MOTOR CO., LTD
TAIWAN

KYMCO USA
5 Stan Perkins Road Spartanburg, SC 29307 USA

2. EPA HANGTAG

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Operating this Side-by-Side vehicle without proper instruction.

WHAT CAN HAPPEN
The risk of an accident is greatly increased if you do not know how to operate the vehicle properly in different situations and on different types of terrain.

HOW TO AVOID THIS HAZARD
Whether you are a beginning or experienced motorcycle, ATV rider or UTV driver, you should complete a certified training course directed at using this type of vehicle. You should then regularly practice the skills learned in the course in conjunction with the operating techniques described in this Owner's Manual.

⚠ WARNING

POTENTIAL HAZARD
Allowing anyone under 16-years of age to operate this vehicle.

WHAT CAN HAPPEN
Use of a Side-by-Side vehicle by children can lead to severe injury or death. Children under 16-years of age may lack the skills, abilities, or judgment to operate the vehicle safely and may be involved in a serious accident.

HOW TO AVOID THIS HAZARD
A child under 16-years of age should never operate this vehicle.

⚠ WARNING

POTENTIAL HAZARD
Carrying more than one a passenger on your UTV.

WHAT CAN HAPPEN
Carrying more than one a passenger greatly reduces your ability to control this vehicle. This could cause an accident, resulting in injury or death to you and/or your passengers.

HOW TO AVOID THIS HAZARD
Never carry more than one passenger. The right seat on this vehicle is designed to accommodate one passenger. Your passenger should use their seat belt at all times.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV on paved surfaces.

WHAT CAN HAPPEN
Your UXV500's tires are designed for off-road use only, not for use on pavement. Paved surfaces may seriously affect vehicle handling and may result in your inability to control the vehicle.

HOW TO AVOID THIS HAZARD
Never operate your UXV500 on any paved surface, including, but not limited to, sidewalks, driveways, parking lots, or streets.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV on public streets, roads, or highways.

WHAT CAN HAPPEN
You can collide with another vehicle.

HOW TO AVOID THIS HAZARD
Never operate your UXV500 on a public street, road, highway, or even a dirt or gravel road. In many states it is illegal to operate this type of vehicle on public streets, roads, or highways.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV without wearing eye protection.

WHAT CAN HAPPEN
Operating an off-road vehicle without eye protection can result in an accident and increases your chances of a severe injury, including loss of sight in the event of an accident.

HOW TO AVOID THIS HAZARD
Always wear an eye protection (goggles or helmet face shield).

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV while under the influence of alcohol or drugs.

WHAT CAN HAPPEN
Consuming alcohol or drugs before or during the operation of your UTV can seriously affect your judgment. Consuming alcohol or drugs will cause you to react more slowly and will affect your balance and perception. Operating an UTV with these impairments may cause an accident resulting in injury or death.

HOW TO AVOID THIS HAZARD
Never operate your UXV500 while under the influence of alcohol or drugs.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV at excessive speeds.

WHAT CAN HAPPEN
Operating your UXV500 at excessive speeds increases your chances of losing control of the vehicle, which can result in an accident.

HOW TO AVOID THIS HAZARD
Always drive your UXV500 at a speed that is proper for the terrain, visibility, operating conditions and your experience.

⚠ WARNING

POTENTIAL HAZARD
Attempting wheelies, jumps, and other stunts when driving your UTV.

WHAT CAN HAPPEN
Attempting wheelies, jumps, and other stunts increases the chance of an accident, including a rollover, when driving this type of vehicle.

HOW TO AVOID THIS HAZARD
Never attempt stunts such as wheelies or jumps. Do not try to show off when driving your UXV500.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Failure to inspect your UTV before operating it. Failure to properly maintain your UXV500.

WHAT CAN HAPPEN
By not keeping your vehicle in proper working order, you increase the possibility of an accident or damaging your UXV500.

HOW TO AVOID THIS HAZARD
Always inspect your UXV500 each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance schedules and procedures in this Owner's Manual.

⚠ WARNING

POTENTIAL HAZARD
Failure to use adequate caution when riding your UTV on unfamiliar terrain.

WHAT CAN HAPPEN
When driving on unfamiliar terrain you may come upon hidden rocks, bumps, or holes without enough time to react. This could result in the vehicle overturning or you losing control of the vehicle.

HOW TO AVOID THIS HAZARD
Go slowly and be extra careful when driving your UXV500 on unfamiliar terrain. Always be alert to changing conditions in the terrain when driving your UTV.

⚠ WARNING

POTENTIAL HAZARD
Failure to use adequate caution when driving your UTV on rough, slippery, or loose terrain.

WHAT CAN HAPPEN
Driving your UXV500 on rough, slippery, or loose terrain can cause loss of traction or control which could result in an accident, including a rollover.

HOW TO AVOID THIS HAZARD
Do not drive your UXV500 on rough, slippery, or loose terrain until you have learned and practiced the skills necessary to control the vehicle on these surfaces. Always be especially cautious when driving your UTV on rough, slippery, or loose terrain.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Steering the UTV improperly.

WHAT CAN HAPPEN
You might lose control of your UXV500 and experience a rollover or collision.

HOW TO AVOID THIS HAZARD
Always follow proper procedures for steering your UXV500 as described in this Owner's Manual. Practice steering the vehicle at slow speeds before attempting to turn at faster speeds. Do not turn your UXV500 abruptly at excessive speeds.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV on steep hills.

WHAT CAN HAPPEN
This type of vehicle can overturn more easily on steep hills than on level surfaces or small hills.

HOW TO AVOID THE HAZARD
Never operate your UXV500 on hills that are too steep for the vehicle or for your abilities. Practice driving on smaller hills before attempting to drive on larger hills.

⚠ WARNING

POTENTIAL HAZARD
Improperly operating your UTV in reverse.

WHAT CAN HAPPEN
You may hit an obstacle or person behind you with the vehicle, resulting in serious injury.

HOW TO AVOID THIS HAZARD
Before you engage reverse gear, make sure there are no obstacles or people behind you. When it is safe to proceed, operate your UXV500 in reverse at slow speeds.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

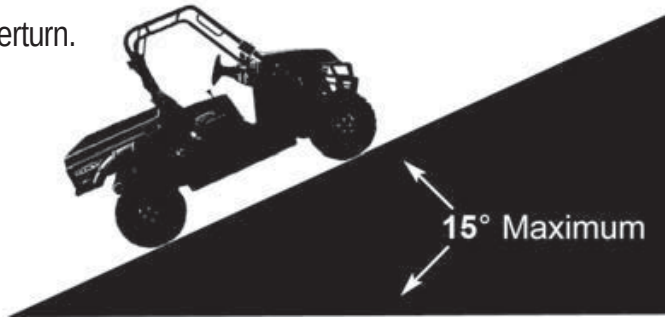
⚠ WARNING

POTENTIAL HAZARD
Climbing hills improperly with your UTV.

WHAT CAN HAPPEN
Climbing hills improperly may cause you to lose control of your UXV500 or cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Always follow proper procedures for climbing hills as described in this Owner's Manual. Always check the terrain carefully before you start up any hill.

Never climb hills with slippery or loose surfaces. Never accelerate suddenly as the vehicle might flip over backwards. Never go over the top of any hill at high speed, as an obstacle, a sharp drop, or another vehicle or person might be on the other side of the hill.



NEVER RIDE YOUR UXV500 UP OR DOWN HILLS STEEPER THAN 15°

⚠ WARNING

POTENTIAL HAZARD
Going down a hill improperly on your UTV.

WHAT CAN HAPPEN
Going down a hill improperly could cause you to lose control of your UXV500 or cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Always follow proper riding procedures for going down hills as described in this Owner's Manual. Always check the terrain carefully before you start down any hill on your UXV500. Never go downhill at a high speed. Avoid going down a hill at an angle that would cause your vehicle to lean sharply to one side. Go straight down the hill whenever possible.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Improperly crossing hills or turning on hills while riding your UTV.

WHAT CAN HAPPEN
Improperly crossing hills or turning on hills may cause you to lose control of your UXV500 or cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Never attempt to turn your UXV500 around on any hill until you have mastered the turning and steering techniques described in this Owner's Manual. Practice these maneuvers first on level ground. Be very careful when turning your UXV500 on any hill, and avoid crossing the side of a steep hill, if possible.

When crossing the side of a hill on this type of vehicle:

* Always follow proper driving procedures as described in this Owner's Manual
* Avoid hills with slippery or loose surfaces

⚠ WARNING

POTENTIAL HAZARD
Stalling, rolling backwards, or improperly exiting the vehicle while climbing a hill on your UTV.

WHAT CAN HAPPEN
Stalling, rolling backwards, or improperly exiting could result in the vehicle overturning.

HOW TO AVOID THIS HAZARD
Select the proper transmission gear and maintain a steady speed when climbing

If you lose all forward speed:

* Apply the brakes
* Engage the parking brake after you are stopped

If you begin rolling backwards:

* Apply the brakes while rolling backwards
* When the vehicle comes to a full stop, engage the parking brake and carefully exit the vehicle on the uphill side, or to the side pointed uphill
* Obtain assistance and turn the vehicle around so it faces downhill and carefully get back into the vehicle to drive it downhill following the procedure described in this Owner's Manual

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

⚠ WARNING

POTENTIAL HAZARD
Improperly driving your UTV over obstacles.

WHAT CAN HAPPEN
Improperly driving over obstacles may cause you to lose control of your UXV500 or cause a collision. A loss of control or a collision may cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Before operating your UXV500 in a new area, check for obstacles. Never attempt to ride your vehicle over large obstacle: such as large rocks or fallen trees. When you go over obstacles, always follow the proper driving procedures as described in this Owner's Manual.

⚠ WARNING

POTENTIAL HAZARD
Skidding or sliding while driving your UTV.

WHAT CAN HAPPEN
Skidding or sliding may cause you to lose control of your vehicle. When skidding or sliding, your UXV500 could regain traction unexpectedly which could cause the vehicle to overturn

HOW TO AVOID THIS HAZARD
Learn to safely control skidding or sliding by practicing first your skills at slow speeds and on smooth terrain. On extremely slippery surfaces such as ice, go slowly and be very cautious to reduce the chance of skidding or sliding your vehicle out of control.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV through deep or fast flowing water.

WHAT CAN HAPPEN
Your UXV500's tires may float, causing loss of traction and loss of control, which could lead to an accident. Water can also reduce the stopping capability of your vehicle's braking system.

HOW TO AVOID THIS HAZARD
Never operate your UXV500 in fast flowing water, or in water deeper than the floorboard. Remember that wet brakes may have reduced stopping capability. Test your vehicle's brakes after leaving water. If necessary, apply the brakes smoothly several times to dry the pads, drums and rotors.

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV with improper tires or with tires that have improper or uneven tire pressure.

WHAT CAN HAPPEN
Using the wrong tires on your UXV500, or driving your vehicle with improper or uneven tire inflation, may cause you to lose control of the vehicle, increasing the chance of an accident..

HOW TO AVOID THIS HAZARD
Always use the proper tire sizes and types on your UXV500 as specified in this Owner's Manual. Always maintain the tire pressures set forth in this Owner's Manual.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

WARNINGS

⚠ WARNING

POTENTIAL HAZARD
Operating your UTV with improper modifications.

WHAT CAN HAPPEN
Improper installation of accessories or modifications to your UXV500 may cause changes in handling which, in some situations, could lead to an accident.

HOW TO AVOID THIS HAZARD
Never modify your UXV500 or install accessories that are not specifically designed for your vehicle. All parts and accessories added to your UXV500 should be genuine KYMCO components designed for use on this type of vehicle, and should be installed and used according to the installation instructions. Never alter the hand and foot controls of this vehicle. If you have questions about personalizing your UXV500, consult an authorized KYMCO dealer.

⚠ WARNING

POTENTIAL HAZARD
Overloading your UTV or carrying loads or towing cargo improperly.

WHAT CAN HAPPEN
Improper loading and towing will cause changes to the vehicle's handling characteristics, and may lead to an accident.

HOW TO AVOID THIS HAZARD
Never exceed the stated load capacity of your UXV500 (as set forth in this Owner's Manual). Cargo should be properly distributed and secured. To aid in controlling your vehicle, reduce speed when carrying cargo or pulling a trailer, and allow greater distances for braking. Always follow the instructions and recommendations in this Owner's Manual for carrying cargo or pulling a trailer.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

OVERVIEW

When riding or driving an off-road vehicle, PREVENTION is the name of the game. "Had you only known" something could go wrong, you would have prevented it. If you do not take notice of the current terrain and its specific conditions before driving your UTV, you increase the risk of losing control of the situation. Using prevention techniques will help you forecast potential hazards before they result in injury to you or damage to your Side-by-Side vehicle.

Following the safety instructions and warnings in this manual will help you "P.A.S.S." the safety test. P.A.S.S. stands for "Prevention," "Active Driving," "Sound Judgment," and "Supervision." Remembering P.A.S.S. and what it stands for will help you have a safe and enjoyable drive every time you operate your UXV500.

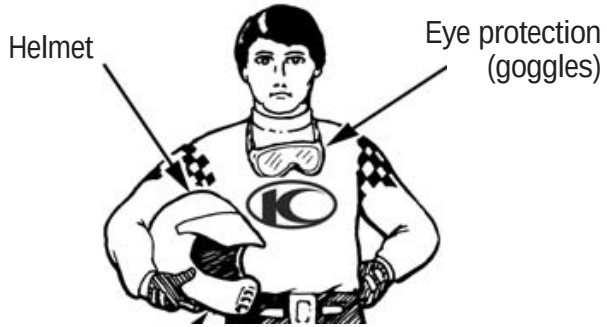
PROPER CLOTHING AND GEAR

Always wear clothing suited to the type of activity you will be engaged in doing. Off-road recreation often requires special protective clothing which will both make you feel more comfortable and reduce the possibility of injury. It is important to dress correctly for riding your UTV in order to prevent injury. Practicing proper prevention is simple and may prevent the pain of injury and the inconvenience damage to your UTV. It is also important to take into account specific climate and weather conditions where you will be riding. Wear a liner under your helmet and layers of clothing during cooler weather and lighter, protective clothing when it is warmer. The following sections review the minimum protective gear you will need to wear during each drive.

HELMET (head protection)

While your UXV500 is equipped with an overhead canopy, it cannot take the place of a helmet. A helmet is an essential piece of protective gear. A proper helmet can prevent a severe head injury. The best type of helmet is a full-face style which provides protection to the wearer's face as well as the head.

If you drop or damage your helmet, get a new one immediately. Your helmet may not protect your head from injury if it has cracks, fissures, or other damage to its outside or to the core padding and liner (which are designed to absorb the energy of an impact). Remember, even the best helmet is ineffective if it is not the proper size and the chin strap is not fastened.



GOGGLES (eye protection)

Always wear eye protection, such as goggles, that completely surrounds your eyes to prevent getting dirt or other debris in your eyes. Do not depend on sunglasses or prescription glasses for proper eye protection. Glasses of this type are not recommended as they do not prevent objects from flying in through the sides, and the lenses may be damaged upon impact.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

CONDITION OF YOUR UXV500

The second step in PREVENTION is checking the condition of your Side-by-Side vehicle before you drive it. Chances are good that you will be using your UXV500 in some rough terrain, and you do not want something to prevent you from enjoying your drive. Your best approach is to take steps to ensure that your vehicle is properly maintained so you can avoid equipment failure or a hazardous situation.

You need to check the following items on your UXV500 before every ride.

1 Brakes
2 Throttle (accelerator pedal)
3 Tires and Wheels
4 Fluids
5 Lights
6 Electrical
7 Controls and Cables
8 Chassis and Suspension
9 Miscellaneous Items

Inspection of your UXV500

An easy way to remember what items you need to check on your vehicle is by using the acronym "T-CLOC."

This acronym means:

T	C	L	O	C
TIRES & WHEELS	CONTROLS & CABLES	LIGHTS & ELECTRIC	OIL & FUEL	CHASSIS

Follow the guidelines on the following pages and in the rest of this Owner's Manual when inspecting your UXV500.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

TIRES AND WHEELS

Correct tire pressure is crucial to the proper operation of your UXV500. Consult the values listed below or the SPECIFICATIONS section of this manual for tire pressure guidelines. Incorrect tire pressure can cause poor handling, instability, and could cause you to lose control of your vehicle.

Front wheel air pressure: 10 psi (0.7 kgf/cm²)
Rear wheel air pressure: 14 psi (0.98 kgf/cm²)

Check:
1 . Tire pressure
2 . Tire surface (tread and sidewall)

While checking your UXV500's tire pressure, inspect the tread and the sidewalls of the tires for cracks, cuts, or other damage. Immediately replace any tire that is damaged..

CONTROLS AND CABLES

With your vehicle's engine running and parking brake applied, check the transmission operation by shifting into each drive mode: forward, neutral, and reverse. After testing, shift back into neutral and turn the engine off before exiting the vehicle.

Check:
1. Forward
2. Neutral
3. Reverse

A. Brakes

Press down on the UXV500's brake pedal. If the pedal does not feel firm, or if it feels soft or "weak," the brake system could be low on fluid or have a leak. Is so, refer to the GENERAL MAINTENANCE section of this manual for instructions. Do not use your UXV500 unless the brakes are operating normally.

Test the parking brake to confirm that it locks the wheels into position, then disengage it to release the brake. The brakes on your Side-by-Side vehicle are essential for safety and could fail if they are not maintained properly.

Check:
1. Brake pedal
2. Parking brake

B. Accelerator

Your UXV500's accelerator pedal should have a free, smooth range of motion. If it seems to "stick" at any point, or does not return when released, refer to the GENERAL MAINTENANCE section of this manual for instructions. Driving your UXV500 with a sticking accelerator can cause you to lose control of your vehicle and may cause an accident. Do not drive your UXV500 if the accelerator action is not smooth and the pedal does not return after it is released.

Check:
1. Free, smooth range of motion
2. The pedal returns after it is released

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

LIGHTS AND ELECTRIC

Turn your UXV500's hi-beam and low-beam on and off to make sure they work. At the same time, check that the taillight and brake lights work. Also, check the status/warning indicators (reverse, neutral, and hi-lo beam) on the dash when you start the vehicle. Check the ignition switch operation. Do not drive your UXV500 unless all the systems are working properly.

Check:
1. Headlight hi-beam
2. Headlight low-beam
3. Taillight/brake light
4. Status/warning indicators

Check:
1. Ignition switch

OIL AND FUEL

Start with a full tank of gas before every drive, and make sure the oil is at the proper level. Don't forget to check for fluid leaks around the vehicle. Watch the engine temperature indicator on the dash to ensure the engine coolant level is adequate.

Check:
1. Gas
2. Oil
3. Fluid leaks

CHASSIS

Grass, leaves and other debris can get entangled in your Side-by-Side vehicle's suspension and shocks. Keep the suspension arms, shock springs, and fenders clean and free of debris. Check the steering smoothness by rotating the steering wheel full-left and full-right. Make sure there is no binding, restrictions, free-play, or looseness in the steering components.

Check:
1. Suspension arms
2. Shock springs
3. Steering

MISCELLANEOUS ITEMS

Inspect your UXV500's air filter. Look for debris or damage that may indicate you need to replace it, as a clogged filter can prevent your engine from running. Check the battery terminals for tightness and corrosion. Also, be sure to tighten any loose parts, nuts, or bolts on the chassis.

Check:
1. Air filter
2. Battery
3. Tighten chassis fasteners, any loose parts

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

FIRST-AID AND SURVIVAL

Before driving your UXV500, you need to prepare for the unexpected. Emergencies and accidents are traumatic, but the situation can be worse if your are not prepared for it. During every drive, you should have the following items on board your vehicle:

* Tools
* Water
* Identification
* First Aid Kit

For drives that are longer in duration and distance, you should carry these additional items:

* Cellular Telephone
* Maps/GPS
* Emergency Kit with Flashlight and First Aid Kit

TOOLS

Routine maintenance on your UXV500 will generally eliminate the need for emergency repairs. However, riding on rough terrain can cause nuts, bolts, and other fasteners to become loose. Carrying this Owner's Manual and the right tools on your vehicle can prevent an inconvenience from becoming a more serious problem.

Carry these items on your UXV500:

1. Spare light bulbs
2. Duct tape
3. Rope
4. Spark plugs
5. Spare parts (fuses)
6. Tool kit

WATER

Water is so important that you need to carry it regardless of the duration of your drive. Heat exhaustion and heat stroke can occur suddenly and without warning. If you become dehydrated, you may find yourself physically unable to safely operate your vehicle.

IDENTIFICATION

If something does happen to you, the emergency personnel will need to know who you are and whom to contact. It is possible you may be unable to give them that information. Put your I.D. in your pocket before you ride. Without it, you are anonymous.

CELLULAR TELEPHONE

It may be necessary to make an urgent phone call or to alert friends and family where you are.

MAPS/GPS (Global Positioning System)

Maps may be unnecessary when you are familiar with the area, but when you are driving on unfamiliar trails, it is good to know where you are, what is coming up, and how to find your way home.

EMERGENCY KIT (with Flashlight & First Aid Kit)

You will need several items in your vehicle's Emergency Kit including a flashlight. Matches will come in handy if you need to start a fire to stay warm, and flares are useful for signaling for help. A first-aid kit is very important if an injury of some type should occur. your kit should include bandages, antiseptic spray, gauze and tape.

Carry these items on your UXV500 (or your person):

1. Flashlight
2. Matches
3. Flares
4. First Aid Kit
5. Money

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

OVERVIEW

"Active Driving" is the second part of "P.A.S.S." It involves an understanding of how your load weight, balance, gravity, and physical forces affect the handling of your UTV. For example, when you turn an automobile quickly into a sharp turn, your body is pulled to the outside of the vehicle by centrifugal force. While an automobile is comparatively stable and can tolerate harper turns, enough centrifugal force can cause an Side-by-Side vehicle to overturn. Understanding the limitations of a high ground-clearance, off-road vehicle is necessary to avoid rolling or flipping your UTV.

BASIC OPERATING MANEUVERS

Active driving and basic maneuvers are the foundation of Side-by-Side vehicle recreation. Without basic skills, it is impossible to advance to the level of active driving.

These are your basic maneuvers:

* Entering the Vehicle
* Starting the Engine
* Starting a Cold Engine
* Braking/Stopping
* Shifting
* Parking

ENTERING THE VEHICLE

Use care when entering your UXV500. While your UXV500 is a four-wheel vehicle, you still must use care to not upset the chassis when mounting it.

To get seated:

1. Make sure the Parking Brake is engaged
2. From the left side of the vehicle, grab the left-side grab bar, and step into the vehicle with your right foot first
3. Slide your body into the seat and adjust it to a comfortable position
4. Always keep your feet planted on the floorboard
5. Fasten the seat beat

STARTING THE ENGINE

Always start your UXV500 when it is at rest on a flat, level surface. Carbon monoxide poisoning can kill you, so never run your UXV500's engine in an enclosed space.

Follow these steps to start your UXV500:

1. Enter the vehicle, sit down and fasten the seat belt
2. Engage the parking brake
3. Move the Gear Shift Lever into NEUTRAL
4. Turn the Ignition Switch clockwise to the START position; then when the engine starts release it so it rotates back to the RUN position
5. Let the engine warm up

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

An easy way to remember the starting procedure for your UXV500 is by using the acronym "BONE-C."

This acronym means:

B	O	N	E	C
BRAKES LOCKED	IGNITION SWITCH ON	NEUTRAL TRANSMISSION	ENGINE SWITCH	AUTOMATIC CHOKE

STARTING A COLD ENGINE

- NOTE: Do not to press down on the accelerator pedal when starting a cold engine, as this will prevent the engine from starting easily.

1. Turn off all electrical accessories (lights, radio, etc.), then rotate the ignition switch key to the first position (RUN). Note that the "N" indicator will be illuminated on the dash display

2. Pull the choke knob all the way out and hold it in that position

3. Rotate the ignition switch key to the second position (START) to activate the starter motor. Do not hold the switch in the START position for more than eight seconds

.

⚠ CAUTION

Allow 30-seconds between starting attempts to allow the starting motor to cool. Continuous starting attempts will result in overheating and damage to the starting motor.

- NOTE: If the engine is already warm or the weather is hot (95° F, 35° C or more) do not use the choke.

4. If the engine does not start, rotate the ignition switch key to the second position (START) for another eight seconds

5. Once started, allow the engine to warm up for approximately two to three minutes, or until the vehicle will accept throttle and accelerate smoothly

⚠ WARNING

Never run your vehicle in a closed area, such as a garage. Exhaust gases contain carbon monoxide, a colorless, poisonous gas. Breathing exhaust gasses leads to carbon monoxide poisoning, asphyxiation, and death.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

BRAKING / STOPPING

Always allow plenty of room and time to stop your UXV500 safely. Be alert and prepared, as quick stops are inevitable. Whether you are stopping slowly or stopping quickly, follow these braking guidelines:

1. Press down on the brake pedal with your foot to apply the brakes
2. If your wheels lock, release the brake pedal for a second, then apply the brakes again.
3. Avoid prolonged application of the brakes. Even maintaining minimal pressure on the brake pedal will cause the brake pads to drag on the brake rotor and may cause overheating of the brake fluid.

⚠ WARNING

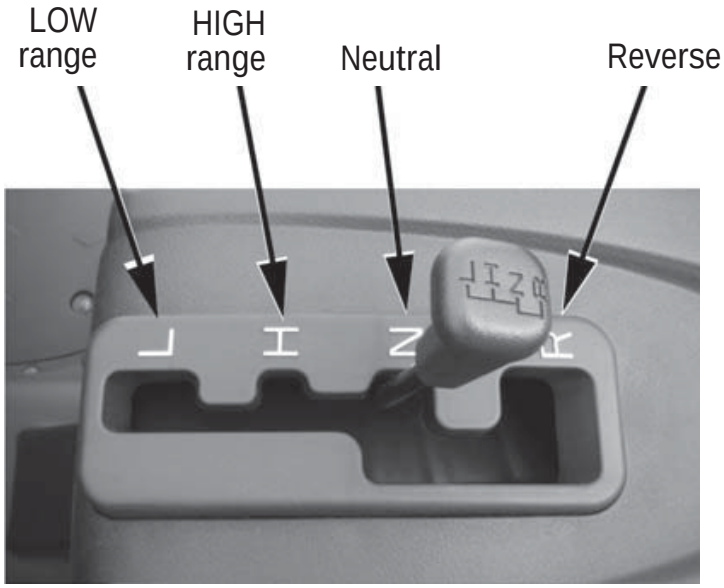
Prolonged and repetitive use of the vehicle's hydraulic brakes for high speed stops will cause overheating of the brake fluid and premature brake pad wear which can cause unexpected loss of braking ability.

⚠ WARNING

Use only KYMCO approved brake fluid. Never substitute or mix different types or grades of brake fluid, as unexpected loss of braking ability can result. Check the vehicle's brake fluid level and pad wear before each use. The loss of braking ability may result in severe injury or even death.

SHIFTING

This KYMCO Side-by-Side vehicle is equipped with an automatic, dual-range transmission with reverse capability. To shift your UXV500 into gear or reverse, follow these steps:



1. To engage the HIGH range from neutral, move the shift lever forward.

■ NOTE: The HIGH range is for normal driving with light loads.

2. To engage the LOW range from HIGH range, move the shift lever outward and forward.

■ NOTE: The LOW range is for carrying heavy loads or trailer towing. Compared to HIGH range, the LOW range position provides slower speed and greater torque to the wheels.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

⚠ CAUTION

Always shift the transmission into LOW range when operating on wet or uneven terrain, when towing or pushing heavy loads, or when using a plow. Failure to follow this caution may result in premature V-belt failure or other damage to the drive system.

3. To engage reverse gear from neutral, move the shift lever forward, outward and back to the "R" position.

⚠ CAUTION

Never shift the transmission while your UXV500 is in motion. Should your vehicle be on a surface that is not level, engage the parking brake before shifting into another transmission range or into reverse.

DRIVING THE VEHICLE

Before driving your UXV500, take time to familiarize yourself completely with the operational information described in this Owner's Manual. Be prepared to practice operating the controls and driving the vehicle in a mild environment before driving the vehicle on more difficult terrain.

Follow this procedure to safely drive your UXV500:

1. Sit in the driver's seat and fasten the seat belt
2. Start the engine and allow it to warm up
3. Press down on the brake pedal and then shift the transmission into gear
4. Release the parking brake
5. Keep both hands on the steering wheel, release the brake pedal and slowly depress the accelerator pedal to begin driving

■ NOTE: Vehicle speed is controlled by the amount of throttle applied to the engine via the accelerator pedal. The transmission shifting is automatic.

6. Drive slowly - practice maneuvering and using the accelerator and brake pedals to control the vehicle's speed and stopping

PARKING

Parking your UXV500 involves the same guidelines as braking, as well as the following guidelines:

1. After the vehicle stops, shift the transmission into NEUTRAL
2. Engage the parking brake
3. Turn OFF the ignition switch
4. Always try to park your UXV500 on level ground. If you have to park on a hill, shift the vehicle's transmission into low gear
5. Release your seat belt and exit the vehicle

■ NOTE: If you have to park your vehicle on a very steep hill, engage the parking brake, shift the transmission into the LOW range, and block the downhill side of the wheels.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

HOW TO HANDLE A SIDE-BY-SIDE VEHICLE (Active Driving Techniques)

Active driving involves being very aware of your vehicle's dynamics as you maneuver it. You must learn how speed affects turning and the stability of your UTV. Unlike a motorcycle or an ATV where your can lean and shift your weight to aid in control of the vehicle, this type of vehicle requires balance between speed and steering. Your safety depends on using safe driving techniques.

Safe driving techniques include:

* Turns
* K-Turns
* Sidehilling/Transversing
* Crossing Obstacles
* Driving Uphill
* Driving Downhill
* Swerving

TURNS

Many off-road vehicle accidents happen during turns. If you don't understand turning techniques, you can lose control of your vehicle by losing traction, plowing, or tipping. Use this driving method for turns:

1. Ease off the accelerator as you approach the turn to slow down
2. Slowly rotate the steering wheel into the direction of the turn
3. Gradually increase your speed as you come out of the turn

■ NOTE: If the terrain you are driving on is not level, you must significantly reduce your vehicle speed.

⚠ WARNING

If your UTV's tires are coming off the ground during a turn, you are driving the vehicle at too high of a speed to initiate a turn. Reduce speed in these situations as a vehicle rollover could cause serious injury or death.

DRIVING UPHILL

Many off-road vehicle accidents also happen while driving on hills and as a result of the vehicle rolling or flipping. Use extreme caution when driving your UTV on hills, and use this method for driving uphill.

1. Accelerate before you start climbing; then maintain a steady pace
2. If you lose speed, carefully apply more throttle. Be prepared to release the accelerator (so your front tires won't lift), OR
4. If that doesn't work and you still have forward motion and the terrain permits, do a U-turn, go back down, and try climbing again, OR
5. If you have lost all forward motion, use a K-turn maneuver to go safely down the hill

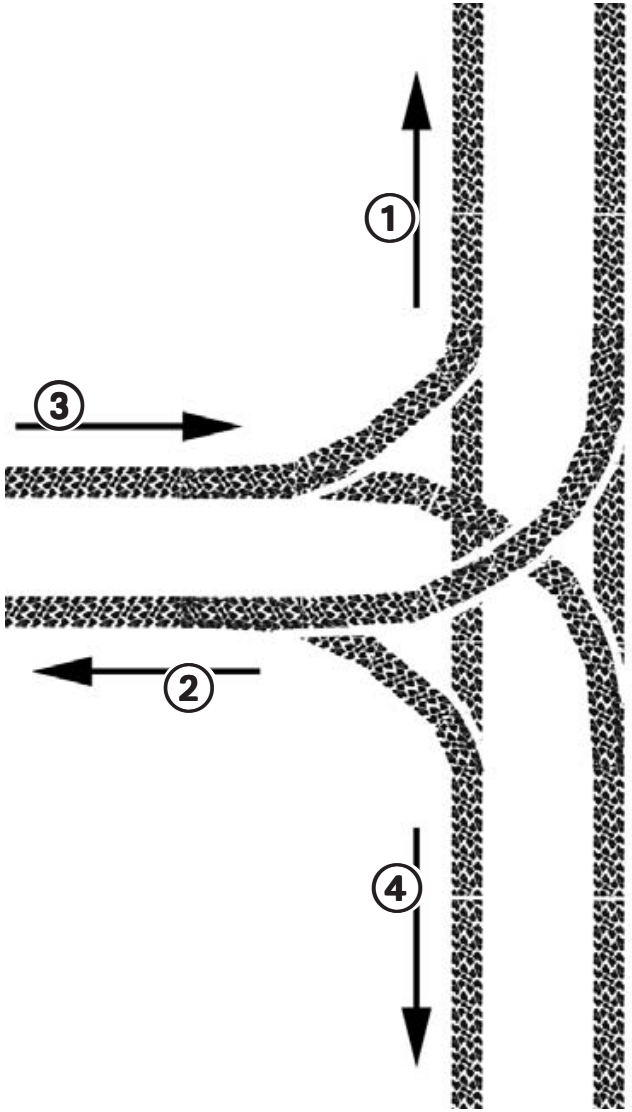
NEVER DRIVE YOUR UXV500 UP OR DOWN HILLS STEEPER THAN 15°

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

K-TURNS

Use the K-turn maneuver if you accidentally stall your UTV while driving uphill. Using a K-turn will enable you to point the vehicle downhill in a controlled manner and prevent it from rolling backwards. Use the turning method on this page for K-turns:

1. Stop where you are ①, apply the parking brake, and shift the transmission into neutral
2. Shut off the vehicle's engine
3. Exit the vehicle on the uphill side
4. If you are to the left of the vehicle, rotate the steering wheel all the way to the left
5. Release the parking brake, but lightly press on the brake pedal so you can control the vehicle rolling
6. Let the vehicle roll slowly to your right side until it faces slightly downhill ②
7. Reengage the parking brake
8. Reenter the vehicle from the uphill side ③
9. Start the engine and follow the method for riding downhill ④



⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

ACTIVE DRIVING

DRIVING DOWNHILL

Success in driving downhill depends on how familiar and skilled you are with using your vehicle's brakes. Use care to balance braking force and downhill speed so you don't lose control and flip your vehicle over. Use this method for riding downhill.

1. Select a low gear; stay out of neutral
2. Lightly apply the brakes and use very little throttle (accelerator pedal)

SIDEHILLING / TRAVERSING HILLS

Sidehilling requires advanced off-road vehicle driving skills, as the terrain can be difficult and unpredictable. Whether your skills are advanced or not, try to avoid this kind of driving.

If you're in a situation where you absolutely have to drive sidehill with your vehicle, use this driving method:

1. Keep your vehicle's speed low and consistent
2. Steer as if you are driving into the hill
4. If your vehicle feels like it may tip over, rotate the steering wheel downhill. If that is not possible because of the terrain or other conditions, or if it just does not work, stop and get off the vehicle. Set the parking brake and exit your vehicle on the uphill side.

SWERVING

Swerving is an emergency maneuver required to avoid an obstacle, but is similar in action to a turn. Swerving differs from a turn as it involves slight acceleration during the turn.

Use extreme caution accelerating as your swerve so you can maintain better control of your vehicle. If you are in a situation where you feel you must swerve your vehicle, use this driving method:

1. Ease off the accelerator as you approach the obstacle
2. Rotate the steering wheel, and at the same time accelerate once you reach the apex of your projected turn
3. Avoid using the brakes until the obstacle avoidance swerve is complete and you have regained full control of your vehicle

CROSSING OBSTACLES

Crossing obstacles is dangerous, and even experienced off-road vehicle operator should avoid this practice if possible. Riding over logs, rocks, and ruts means you must combine all the active driving skills into one big motion. Your Side-by-Side vehicle will respond differently for different obstacles (logs, ruts, etc.), but these are general guidelines for overcoming obstacles:

1. Keep the vehicle's speed very low - less than 5 MPH
2. Approach the obstacle head-on
3. Accelerate lightly when the front tires make contact with the obstacle
4. Release the accelerator when the front tires clear the obstacle
5. Keep your body loose to absorb any shock from going over the obstacle

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

ACTIVE DRIVING

TIPS

Driving a UTV and driving an automobile have some similarities; however, there are certain situations that require special attention:

* Reversing
* Skidding or Sliding
* Parking on a Hill
* Stalling on a Hill
* Crossing Water
* Crossing Roads
* Riding in Cold Weather
* Stopping the Vehicle
* Stopping the Engine

REVERSING

Remember, it is difficult to see behind you as you back up your UXV500.

1. Proceed slowly, using a slight amount of throttle (accelerator)
2. Keep your steering wheel straight.
3. Avoid backing down hills; use a U-turn or K-turn to turn around

SKIDDING or SLIDING

Be careful: it's easy to lose control of your UTV driving through sand, ice, mud, or water. Follow these suggestions on controlling a skid or slide:

1. Turn your steering wheel into the direction of the slide
2. Avoid using the brakes until you are out of the skid

PARKING ON A HILL

In the rare case you need to park your UTV on a hill:

1. Keep the UTV's transmission in gear
2. Engage the parking brake
3. Find something to block the rear tires

STALLING ON A HILL

If you use the proper method for riding your UTV uphill, you should avoid this situation. If you stall on a hill, follow these guidelines:

1. If your UTV has not started rolling backwards yet, follow the procedure for the K-turn
3. Gently apply the brakes then engage the parking brake
4. When the vehicle comes to a stop, perform a K-turn
5. If your UTV continues to roll backward, exit the vehicle immediately on the uphill side

CROSSING WATER

Your UXV500 can only handle water up to its footrests. Crossing water deeper than that risks engine damage and/or personal injury. Avoid fast moving water as the tires fitted to a UTV can be buoyant, so if the water is too deep, your vehicle may float.

⚠ CAUTION

Riding your ATV through water deeper than the footrests may lead to severe engine damage due to water ingestion.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

■ NOTE: Engine damage caused by water ingestion or immersion will not be covered by your KYMCO warranty.

1. Physically check the depth and current of the water, especially if you can't see the bottom. Look for boulders, logs, or other submerged obstacles that could impede your crossing
2. Keep your speed steady and slow
3. Make sure you have a way out on the other side of the water
4. If you get stuck in the sludge or mud, try rocking your UTV from side to side to free it
5. Once you've cleared the water, briefly apply the brakes to make sure they function

CROSSING ROADS

Crossing paved roads can be dangerous and should be avoided. However, if you must cross a road follow these guidelines:

1. Before crossing, stop completely on the shoulder of the road
2. Check both directions for oncoming traffic
3. Do not cross near a blind corner or intersection because the lack of visibility is dangerous
4. Ride straight across the road to the opposite shoulder
5. Be aware that since your UTV could stall, give yourself enough time to cross and get off the road
6. Assume that oncoming vehicles cannot see you, and if they do, they may not be able to predict your actions
7. It is illegal to cross public roads in some states and communities. Become aware of your local laws

DRIVING IN COLD WEATHER

■ NOTE: Check that all of the controls move freely. Make sure that the floorboards, gearshift lever, accelerator and brake pedals are free of ice and snow.

⚠ WARNING

For your personal safety, it is very important to wear cold-weather clothing that will be appropriate for the coldest anticipated temperatures.

1. With the transmission in neutral, move the UTV forwards and backwards to see if the wheels roll freely. If the UTV will not roll, the tires may be frozen to the ground or the brake pads may be frozen to the brake rotors or drums
2. If the tires are frozen to the ground, pour warm water around them to melt the ice

⚠ CAUTION

Before riding, manually rock the UTV forwards and backwards to make certain that all the wheels roll freely.

3. If the brakes are frozen, move the UTV to a warmer area to thaw out the brakes

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

⚠ WARNING

Do not attempt to free frozen brakes by pouring warm water on the brake pads, brake rotors or drums.

- NOTE: After the brakes thaw, dry them by applying them several times while riding slowly.

- NOTE: After riding through water, mud, snow, or slush, it is important to dry the brake system before parking your UTV.

⚠ WARNING

Ride slowly and be extra careful when riding on snow-covered or ice-covered terrain. Always be alert to changing terrain conditions when operating your UTV in cold or wet weather.

4. Practice driving in an open snow-covered or ice-covered area at slow speeds before driving on snow-covered or ice-covered trails
5. Pay attention to how your UTV responds to steering and braking on the type of terrain you will encounter on your trail ride

STOPPING YOUR UTV

To stop your ATV, first release the accelerator pedal, then depress the brake pedal smoothly.

STOPPING YOUR UTV'S ENGINE

To stop your UTV's engine, turn the ignition switch key to the OFF position.

- NOTE: Remember to turn the ignition switch to the OFF position if your UTV is not going to be ridden so you will not deplete the battery's energy.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

OVERVIEW

Human beings are not invincible: we need to use sound judgment to keep ourselves and others safe from harm. Knowing that the first "S" in "P.A.S.S" stands for "Sound Judgment" means you need to use yours when you operate your UTV.

Do you consider yourself to be pretty conservative, or are you a heavy risk-taker? Before continuing with this section of the manual on sound judgment, check your RISK FACTOR by completing this short survey:

1. Do you drive over the speed limit?

1	2	3
Never	Sometimes	Often

2. Are you more daring around your friends than when you are alone?

1	2	3
Never	Sometimes	Often

3. Do you drive your automobile when the gas gauge is on empty?

1	2	3
Never	Sometimes	Often

4. Do you feel that no matter what you do, you won't get hurt?

1	2	3
Never	Sometimes	Often

5. Do you drink or use drugs before you drive your automobile?

1	2	3
Never	Sometimes	Often

6. Do you drive your automobile even if it has a major problem with the brakes, tires, or engine?

1	2	3
Never	Sometimes	Often

7. Do you thrive on the adrenaline rush you get from speeding and dangerous situations?

1	2	3
Never	Sometimes	Often

8. Do you hurt yourself because you try to do things that are beyond your abilities?

1	2	3
Never	Sometimes	Often

9. Do you tailgate other drivers when you think they're driving too slow?

1	2	3
Never	Sometimes	Often

10. Do you ignore weather reports before you do outside activities like swimming, camping, fishing, or boating?

1	2	3
Never	Sometimes	Often

Add the totals from survey questions 1 through 10, the total points indicate your RISK FACTOR.

10 to 15 points indicates that your are fairly conservative. You probably make safe choices that will help you avoid hurting yourself and the people around you.

16 to 20 points indicates that you can alternate between conservative and risky choices. Depending on your mood or whom you're with, the choices you make may help you or hurt you.

21 to 30 points indicates that you are taking risks. You should reconsider a lot of the judgments you make. You probably put yourself in dangerous situations that could potentially hurt yourself and the people around you.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

ENVIRONMENT

The environment that you will operate your UTV in is often harsh and sometimes dangerous if you don't take proper precautions.

WEATHER

You need to consider the weather when you participate in an outdoor activity such as driving an UTV. It is dangerous to drive your UTV when the weather is bad or could potentially become bad. Before starting out on your UTV, check the weather forecast for the location and duration of your drive.

TERRAIN

Always pay close attention to the terrain you're on, even if it is in an area familiar to you. Do not assume that the landscape you're used to doesn't change. Changes to landscape can happen at any time: fences can be constructed and excavations dug in a short period of time. Weather, climate, and development take their toll; as well as erosion and other changes that can affect your UTV's ability to drive smoothly and surely.

Because terrain can constantly change in configuration, you may not know how it has changed until you get there. Whether it's familiar or not, check out your surroundings before and during your drive.

NIGHT DRIVING

It is best to avoid driving your UTV at night when visibility is limited. With little to no light, it is difficult to see what is around you.

If you must drive at night, proceed slowly and never ride at a speed that would prevent you from reacting to something that could come up in the limited view of your UTV's headlights.

PAVED SURFACES

Avoid driving your UTV on paved surfaces. Your UTV was not designed for use on pavement and its handling will become more difficult and unpredictable than when riding on non-paved surfaces.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

DRIVING ON TRAILS

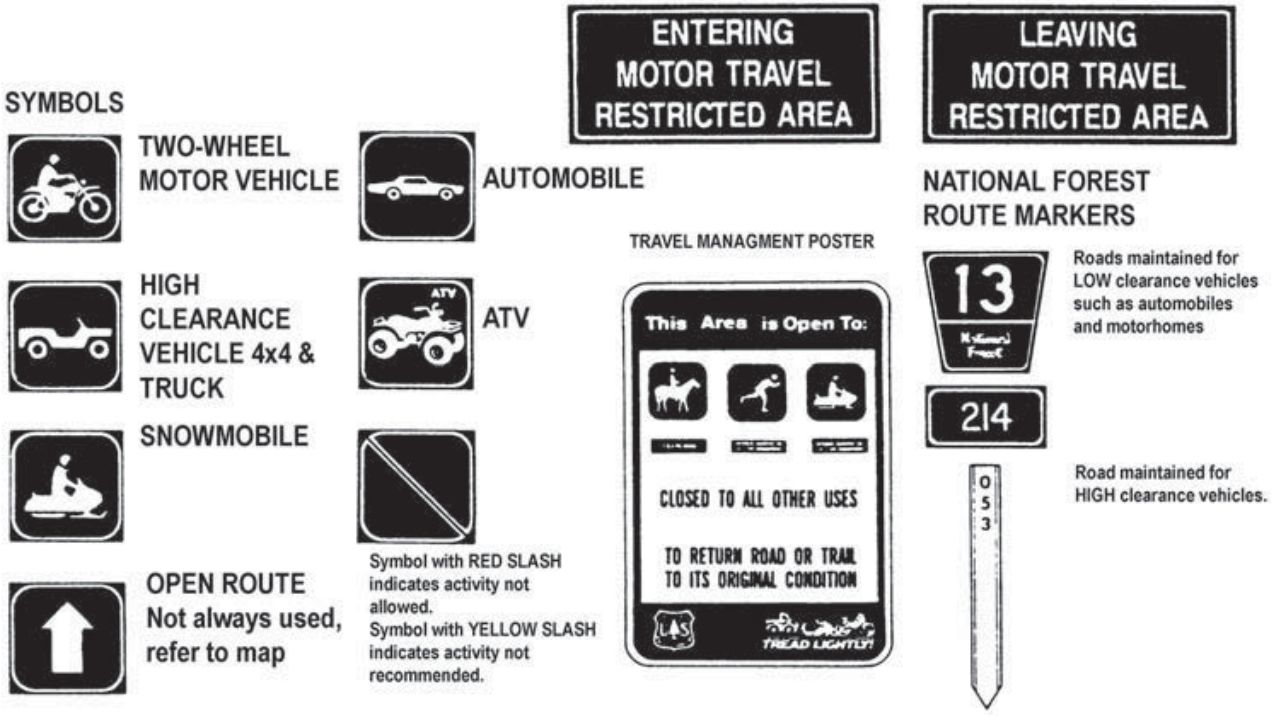
Use sound judgment when driving your UTV on trails. You should only drive on trails that suit your driving ability. If the trail is very rugged, it may be best to find another route to your destination.

Make yourself visible to others by using your UTV's headlights and taillights. If you stop, pull completely off the trail in a way to protect yourself, your passenger, your UTV and the environment.

Outsloped trails (trails that slant to allow rain to run off) make driving on trails more challenging. To drive on outsloped trails, keep the UTV steered towards the uphill of the slope. Proceeding slowly with your vehicle aimed towards the slope will help you from sliding off the trail.

Be aware of the rules and the laws that govern the area in which you will be driving your UTV. Learn which trails you can legally and safely drive on and who else might be on those trails. The signs shown on this page are examples of those currently used in many areas to designate trail types and restrictions.

TRAIL SIGNS


SYMBOLS
TWO-WHEEL MOTOR VEHICLE
AUTOMOBILE
HIGH CLEARANCE VEHICLE 4x4 & TRUCK
ATV
SNOWMOBILE
OPEN ROUTE
Not always used, refer to map
Symbol with RED SLASH indicates activity not allowed.
Symbol with YELLOW SLASH indicates activity not recommended.
ENTERING MOTOR TRAVEL RESTRICTED AREA
TRAVEL MANAGMENT POSTER
This Area is Open To:
CLOSED TO ALL OTHER USES
TO RETURN ROAD OR TRAIL TO ITS ORIGINAL CONDITION
TREAD LIGHTLY!
LEAVING MOTOR TRAVEL RESTRICTED AREA
NATIONAL FOREST ROUTE MARKERS
13
Roads maintained for LOW clearance vehicles such as automobiles and motorhomes
214
Road maintained for HIGH clearance vehicles.
053

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

THOSE AROUND YOU

People do all kinds of things that you can't predict or control. Be aware of others and their behavior, as it can affect your enjoyment and safety when your drive your UTV.

DRIVING COMPANIONS

Always leave a lot of space between you and other vehicles, especially in dusty and dirty conditions when it is difficult to see the vehicles in front of you stopping or avoiding obstacles.

Driving with a group of UTV riders is not the same as driving your UTV alone. You must be more alert, as you cannot predict the actions of the other drivers. Other drivers can also be a distraction keeping you from properly scanning the terrain on which you are driving.

MULTIPLE PASSENGERS

You should never carry more than one passenger on your UTV. Multiple passengers are prohibited, as it is unsafe for a number of reasons. One critical reason is the extra weight of the extra passenger, even a small person, makes the UTV difficult to control.

OTHER VEHICLES

Depending on where you're driving, you might encounter other UTVs, ATVs, motorcycles, bicycles, or large motor vehicles on roads and trails. Respect the presence of automobiles and other vehicles if you're crossing roads or riding in public areas.

Take steps with your riding apparel choices and your actions to make yourself very visible. Remember, if you can't see other vehicles coming, that means they cannot see you.

HIKERS

Even though your UTV can take you to remote areas, don't assume that you are alone. Many people participate in hiking, camping, and other outdoor activities, and these people may be in remote areas where you would not expect them. For your safety and theirs, be alert at all times.

EQUESTRIANS

Many people enjoy horses. The trails that are enjoyable for UTV recreation are also well suited for equestrian riding. Watch for horseback riders and provide them a wide berth so you do not startle their horses. Approach slowly and if you see the horse react to your UTV's presence, stop immediately and turn off the engine until the horse and rider have left the area.

ANIMALS AND NATURE

Respect the outdoors that your UTV enables you to enjoy. Don't use your UTV to chase animals or birds. Drive around young trees rather than over them. Keep clear of streams and ditches with standing water.

Tread Lightly and leave the environment as you found it.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

EQUIPMENT

The last thing you would expect is that your KYMCO UTV would break down in the middle of a field. KYMCO products are usually so reliable that sometimes you forget that your UTV, like any machine, has service needs and usage limitations.

UTV MAINTENANCE

You have to maintain your UTV for your safety, its operational integrity and to protect your investment. The General Maintenance section of this Owner's Manual tells you how to take care of your UTV. If at any time abnormal noises, vibrations, or improper operation of any component on your UTV is detected, DO NOT OPERATE YOUR UTV. Take your UTV to an authorized KYMCO dealer for inspection, adjustment or repair.

CARGO LIMITATIONS

One of the reasons why multiple passengers are prohibited on UTVs is because their presence disrupts the weight and balance of the vehicle. Cargo will do the same if it weighs too much or is positioned improperly. Limit your UTV to the load capacity ratings identified in the chart on the following page. So if you, your passenger and your load weighs over 771 lb (350 kg), leave some of that extra cargo at home. The combined weight limit, including you, your passenger, your UTV's bed cargo, and your trailer, is a specific amount, so consult the UTV Load Capacity Ratings Chart and adjust your load accordingly.

Cargo has such a significant affect on UTV handling that you need to adjust your speed to match your load. Even on level ground, you should keep your UTV's speed below 10 MPH (16 kph) if you are towing a trailer. Avoid uneven terrain when towing a trailer. Do not forget that your braking distance is going to increase as you carry more weight or if you tow a trailer.

Think about these factors when dealing with cargo:

1. Cargo bed weight limit
2. Trailer weight limit
3. Weight distribution
4. UTV speed

PERSONAL CHOICES

A safe, enjoyable UTV drive is dependent on many personal choices. A UTV, like all motorized vehicles, can be dangerous to operate if you choose to ignore safety precautions, take unnecessary chances, or ride beyond your ability or your machine's capability. Don't allow the thrill of freedom or adventure to affect your ability to make good, safe choices.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

LOAD CAPACITY RATINGS

KYMCO UTV Load Capacity Ratings	
Item	*Specifications*
Max Load Capacity	806 lb. (366 Kg)
Cargo Bed - maximum	418 lb. (190 Kg)
Tongue Weight	35 lb. (16 Kg)
Tongue & Cargo Bed Weight - maximum	453 lb. (205 Kg)
Towing Capacity	1212 lb. (550 Kg)

Max Load Capacity - Total weight of rider, passenger, tongue weight, and cargo bed load.

Cargo Bed Weight - Total weight for items in the cargo bed.

Tongue Weight - Weight on trailer hitch.

Tongue and Cargo Bed Weight - Total weight on trailer hitch plus the cargo bed load.

Towing Capacity - Total weight of trailer and all cargo in the trailer.

ACCESSORY INSTALLATION

When installing accessories on your UTV, make sure to read and carefully follow the instructions provided with the items.

■ NOTE: Use extra caution when operating your UTV with additional loads such as accessories and/or cargo. Handling of your UTV may be adversely affected. Reduce speed when adding additional loads.

⚠ WARNING

POTENTIAL HAZARD
Overloading your UTV or carrying loads or towing cargo improperly.

WHAT CAN HAPPEN
Improper loading and towing could cause changes in your UTV's handling characteristics, which could lead to an accident.

HOW TO AVOID THIS HAZARD
Never exceed the stated load capacity of your UXV500 (as noted in this Owner's Manual). Cargo should be properly distributed and securely attached. To aid in controlling your UTV, reduce speed when carrying cargo or pulling a trailer, and allow greater distances for braking. Always follow the instructions and recommendations in this Owner's Manual for carrying cargo or pulling a trailer.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

ALCOHOL AND DRUG CONSUMPTION

Alcohol is related to over 30% of the motor vehicle accidents in the United States. It is extremely dangerous to drink alcoholic beverages and drive a UTV. Alcohol, even in moderation, severely impairs your ability to control an UTV.

Substances to avoid when driving:

1. Alcohol
2. Over-the-counter or prescription drugs
3. Illegal/mood altering drugs

Be aware that prescription and over-the-counter medications can cause drowsiness and impaired judgment. A wide range of medications, including allergy, cold, flu, and headache medications, will affect your physical abilities and judgment.

Your physical size and weight will not minimize the effects of even one antihistamine tablet, so use extreme care if you need to take medications before you plan to drive your UTV.

Illegal drugs not only inhibit your judgment and ability to drive your UTV, but there can be severe legal consequences if you are confronted by law enforcement authorities. The same is true for excessive alcohol use, so never use alcohol or drugs before or during your UTV drive.

THE EFFECTS OF ALCOHOL*

The Number of Drinks that Impair Mental and Physical Abilities

1 to 2 DRINKS	Mental processes such as restraint, awareness, concentration, and judgment are affected, reaction time slowed; and inability to perform complicated tasks.
3 to 4 DRINKS	Depth perception, glare recovery, eye movement, and focus affected; decreased judgment and control.
5 or more DRINKS	Coordination deteriorates; loss of critical judgment, and impaired memory and comprehension.

**According to the ATV Safety Institute*

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SOUND JUDGMENT

YOUR PHYSICAL CONDITION

Being physically exhausted is like being intoxicated. When fatigued, you will not be able to perform detail-oriented tasks and your coordination will be affected. This will severely inhibit your ability to drive your UTV safely.

Do not drive:

1. Your UTV when you're tired

RECKLESS DRIVING

Drivers who have a UTV accident when speeding have a significant chance of being hospitalized from the resulting injuries. The faster you drive your UTV, the more likely a crash can injure your head and internal organs. Avoid stunts and uncontrolled riding such as wheelies and jumps that reduce your control and can create greater injuries or even death if you crash your UTV.

LAWS AND REGULATIONS

Any law enforcement officer will tell you that ignorance of the law is no excuse for improper behavior. Before operating your UTV, check out your local, state, or provincial off-road laws. Before starting a drive, make sure that you can legally drive in the proposed area. Be a good off-road citizen: Illegal or irresponsible driving will cause authorities and landowners to close the area.

GROUP BEHAVIOR

It is a proven psychological fact people will do irresponsible and riskier things in a group that they would never consider doing when they are alone. When you are driving your UTV with other drivers use extra care and sound judgment to make sure that the activities do not get out of hand. Being wise and responsible is the best way for you and your riding friends to avoid injury or even death from a UTV accident.

SIPDE

Individually, the safe behaviors and sound judgments listed in this manual will have limited impact, but combined they become the foundation of safe and responsible UTV use. When you're paying attention to your physical condition, when you're monitoring the movements of your UTV, and when you're constantly evaluating your environment you are practicing SIPDE.

This acronym means:

S	I	P	D	E
SCAN / SEARCH	IDENTIFY HAZARDS	PREDICT WHAT WILL HAPPEN	DECIDE WHAT TO DO	EXECUTE THE DECISION

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SUPERVISION

OVERVIEW

When you allow others to drive your UTV you become responsible for their safety and their actions. The driving ability of your guests, their awareness of proper UTV operation, the terrain, and the condition of your UTV must be factored into your decision to allow others to operate your UTV. Additionally, you can be legally responsible for the actions your guests may take while driving your UTV.

TAKING RESPONSIBILITY

The final letter in the "PASS" acronym stands for SUPERVISION. As outlined in this manual, there are a number of elements for enjoyable and safe UTV driving and ownership. As the owner of a UTV, you are directly responsible to supervise its use.

INEXPERIENCED/UNTRAINED DRIVERS

Never let anyone who has not been educated in proper and safe UTV operation to drive your UTV. Even guests who own an UTV or who have prior driving experience may not have the foundation of a formal training course that would have educated them about safe UTV operation. As the vehicle owner it is your responsibility to keep uneducated guests (especially children or those who lack a automobile operator’s license) out of your UTV.

EXPERIENCED/TRAINED DRIVERS

When anyone borrows your UTV, you become responsible to supervise them and control their actions. Before a guest drives your UTV, have them take a UTV training course and have them read this Owner's Manual. As the owner of the UTV, you are responsible for their training.

Not every UTV operates in the same way or has the same handling characteristics that your vehicle possesses. The seating position may be different, the controls may differ, and the power delivery will vary from brand and model of UTV. So regardless of how much experience your guests may have with UTVs in general, they don't have experience with your vehicle. Spend time with your guests to make sure they are familiar and comfortable with the operation of your UTV before you let them use it.

⚠ WARNING Indicates a potential hazard that could result in serious injury or death.

SECTION 2 - OPERATION & MAINTENANCE

PREFACE

Thank you for choosing this quality KYMCO UTV. It has been designed and manufactured to provide you with reliable and enjoyable operation. This Owner's Manual should be considered a permanent part of your UTV and must remain with the vehicle in the event of a resale. If the UTV changes ownership, contact the KYMCO USA Customer Service Department for information on how to register the new owner.

Section 2 of this manual was prepared by the engineers and service staff of KYMCO to provide you with the information required to operate and maintain your UTV. This section also covers rider-related instructions, as well as service and storage instructions. If your UTV ever requires repairs or service, contact an authorized KYMCO dealer for professional service.

As the owner and driver of a KYMCO UTV, you should become thoroughly familiar with your vehicle's basic operation, maintenance and storage procedures. Please read and understand the entire Owner's Manual before operating your KYMCO UTV to ensure safe and proper use. Always operate your UTV within your level of skill and current terrain conditions.

At the time of publication, all of the information and illustrations in this manual are technically correct. Some illustrations herein are used to best represent a certain procedure or item and are not intended to depict actual conditions. Because KYMCO is constantly refining and improving its products, there may be differences between the vehicle images and the text depicted in this manual and your UTV. As such, no retroactive obligation to the product is available.

PARTS AND ACCESSORIES

When you need replacement parts, oil, or accessories for your KYMCO UTV, be sure to use only GENUINE KYMCO PARTS, OIL, AND ACCESSORIES. Genuine KYMCO parts, oil, and accessories have been engineered and approved to meet the standards and requirements of your KYMCO UTV. For a complete list of accessories, refer to the current KYMCO Accessory Catalog. To aid in service and maintenance procedures on this vehicle, a Service Manual and an Illustrated Parts Manual are also available from your local KYMCO dealer.

UXV500 SPECIFICATIONS*

ENGINE & DRIVE

Engine type	Four-Cycle/Water Cooled DOHC
Bore x Stroke	92 mm x 75 mm (3.62 x 2.95 in.)
Displacement	498.5 cc (30.42cu in.)
Compression ratio	10.5:1
Ignition type	DC, CDI
Spark Plug type	NGK CR7E
Spark Plug gap	0.8 - 0.9 mm (0.03 - 0.04 in.)
Brake type	Hydraulic Front & Rear Unified with Parking Brake
Carburetor type	Kymco CVK38
Aif filter type	Sponge element (oiled)
Transmission type:	V-belt Automatic
Clutch type	Wet, Centrifugal Automatic
Primary drive	V-belt
Secondary drive	Shaft drive

CHASSIS

Length (Overall)	2870 mm (113.0 in.)
Height (Overall)	1850 mm (72.8 in.)
Width (Overall)	150 mm (59.0in.)
Dry Weight (Approx)	1157 lb (525 kg)
Suspension Travel	190 mm (7.5 in.)
Wheelbase	1910 mm (75.2in.)
Tire Size (Front)	25 x 8-12
Tire Size (Rear)	25 x 10-12
Tire Inflation Pressure	F: 10.0 psi (0.7 kg/cm2) R: 14.0 psi (0.98 kg/cm2)

FLUIDS

Gas Tank Capacity	8.45 U.S. Gal. (32 L)
Gasoline (Recommended)	87 Octane Regular Unleaded
Engine Oil (Recommended)	SAE 5W-30
Engine Oil Capacity	3.8 U.S. qt (3.6 L)
Differential Capacity	F: 9.3 fl oz (275 ml) SAE#80 R: 8.45 fl oz (250 ml) SAE#80

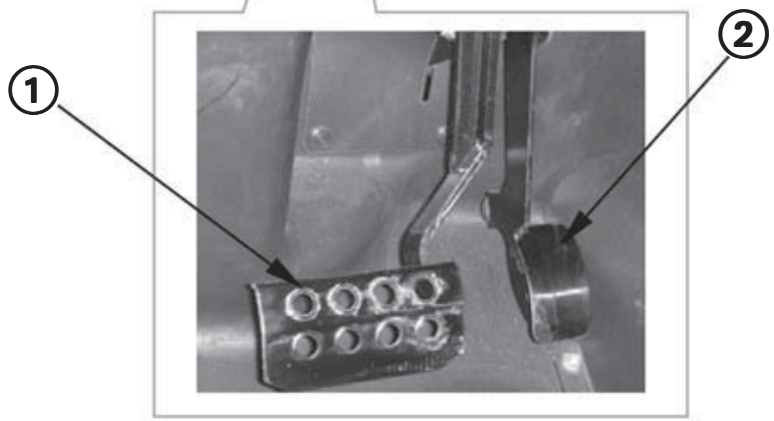
ELECTRICAL

Battery	MF-VTX20l (12V18AH)
Charging output	310 W @ 5,000 RPM
Headlight	12V/35/35W (2)
Taillight/Brakelight	12V/5W/21W (2)
Position light	12V/5W/21W (2)
Main fuse	30A
Fan motor fuse	15A
Ignition fuse	15A
Lights fuse	15A
Accessory fuse	15A
Spare fuses	30A & 15A

** Specifications subject to change without notice.*

BRAKE PEDAL

Your KYMCO UTV is equipped with front and rear hydraulic brakes that are activated simultaneously by the brake pedal. Depress the brake pedal ① to slow or stop the vehicle.



ACCELERATOR PEDAL

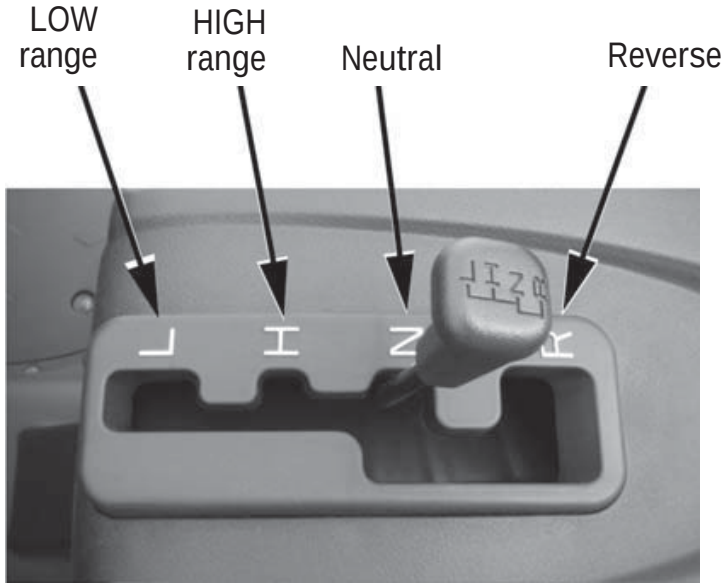
(Throttle pedal)

Push the accelerator pedal ② down to increase the engine's speed. Spring pressure will return the pedal to its original position when foot pressure is released.

■ NOTE: Always check to make sure the accelerator pedal returns normally before starting the engine. Make sure there is adequate accelerator pedal free play before starting the engine.

GEAR SHIFT LEVER

To change gears, stop the vehicle and allow the engine to idle, then move the lever into the desired gear. Do not attempt to shift gears if the engine speed is above idle or if the vehicle is moving.



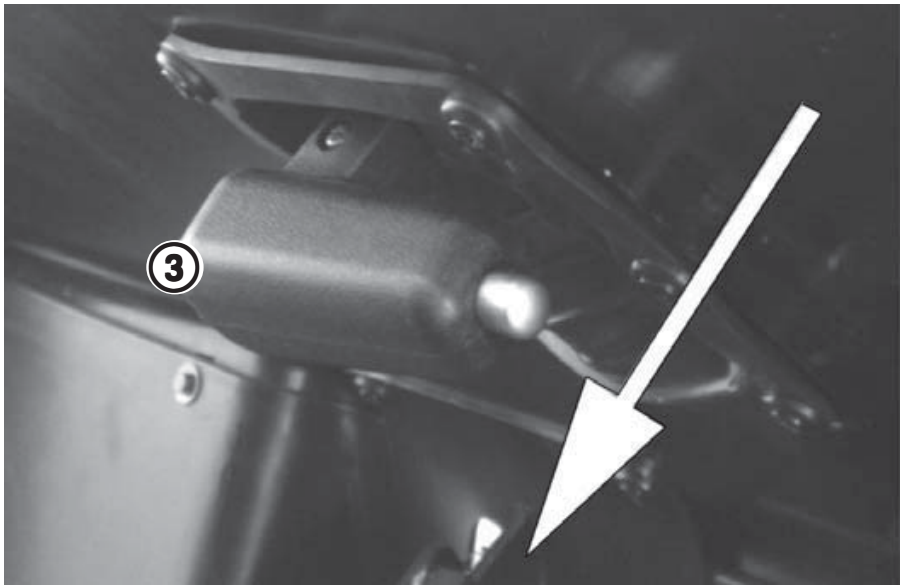
- NOTE: Always turn off the engine, place the transmission in gear and engage the parking brake whenever you leave the UTV unattended.
- NOTE: Maintaining proper gear sift linkage adjustment is required for proper transmission function. Contact your KYMCO dealer if you experience any shifting difficulty.

PARKING BRAKE

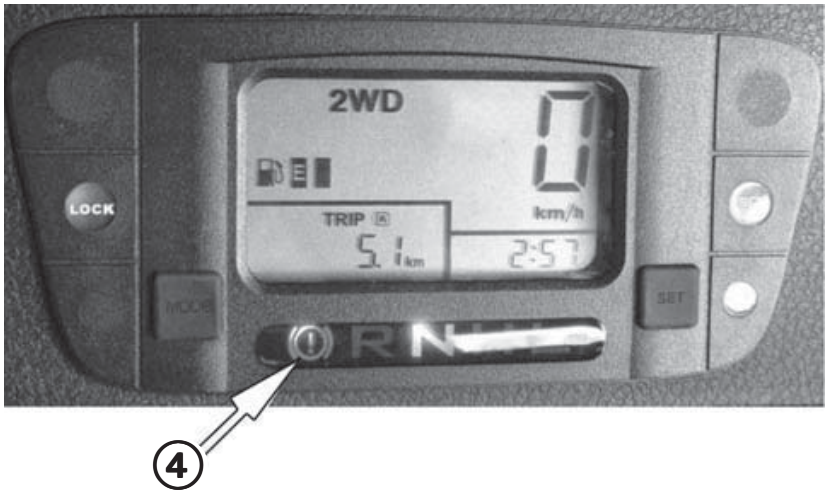
Your KYMCO UTV is equipped with a hand-operated parking brake. When engaged the parking brake will lock all four wheels on the vehicle.

Engaging the Parking Brake

To engage the parking brake, pull the handle ③ outward until resistance is felt (indicating that locking pressure is being applied to the brakes).



- NOTE: The parking brake handle will click several times and lock as you pull the handle outward. When the parking brake is engaged, the ⓘ symbol ④ will illuminate on the dash.



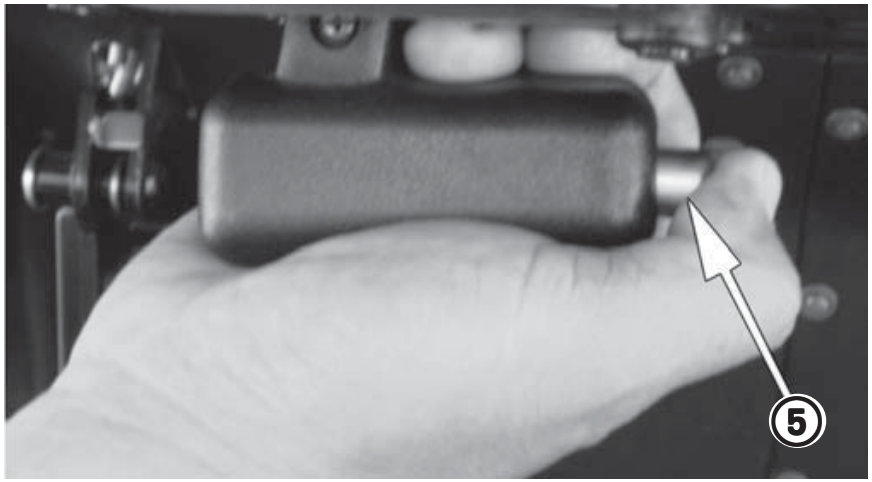
Use the following procedure to verify that the parking brake has locked the wheels when engaged:

1. Pull the parking brake handle outward until it stops and locks in place
2. Attempt to push the UTV

- NOTE: The parking brake must lock the UTV's wheels. If it does not, take your UXV500 to an authorized KYMCO dealer for service.

Releasing the Parking Brake

To release the parking brake, pull up on the handle and press the release button ⑤ (opposite page). Spring pressure will pull the handle inward as the parking brake is released.



■ NOTE: The parking brake handle must fully retreat into its housing and the wheels must roll freely after the parking brake is released. If it does not, take your UXV500 to an authorized KYMCO dealer for service.

⚠ WARNING

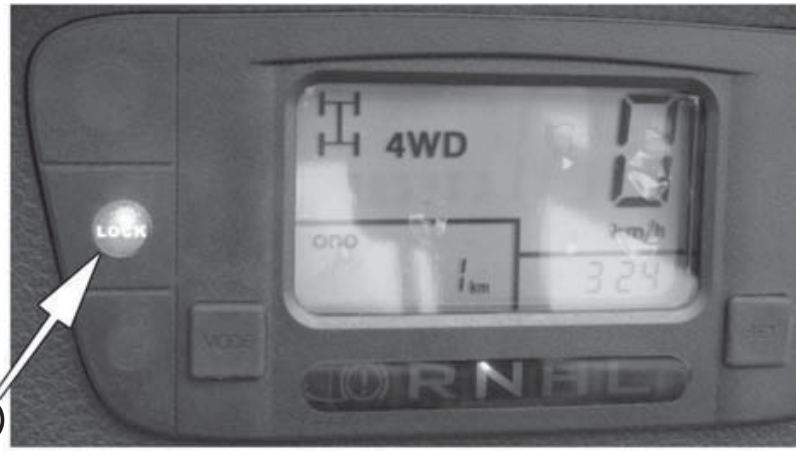
Always make sure that the parking brake has been disengaged before operating your UTV. An accident can result if the parking brake is left engaged while the UTV is driven. Never rely on the parking brake as the sole means of securing the UTV when parking on a hill. Always block the downhill side of the UTV's wheels or park the UTV perpendicular to the hillside.

DIFFERENTIAL LOCK LEVER & INDICATOR

Your UXV500 is equipped with a lockable differential that allows you to chose between "open differential" or a "locked differential" for use in low-traction situations.

■ NOTE: Only use the differential lock when you need to maximize the tractive force to the UTV's wheels. When the differentail lock is engaged steering effort will be increased.

To engage the differential lock, pull the lock lever ⑥ up. To engage the differentail lock on the 4WD mode, rotate the 4WD button ⑦ while the lever in in the "up" position.



■ NOTE: When the differential is locked, the "LOCK" lamp ⑧ will illuminate on the dash.

FUEL TANK FILLER

To add fuel to your UXV500, follow this procedure:

1. Pull the fuel cap protective flap back to expose the key slot
2. Use the glove box/fuel cap key to unlock the cap
3. Turn the key counterclockwise to unlock the cap
4. Once unlocked, lift the cap from the fuel filler neck

■ NOTE: Be careful where you place the removed fuel tank cap so dirt or other debris does not get onto the cap and ultimately into the fuel tank were it can contaminate the gasoline.

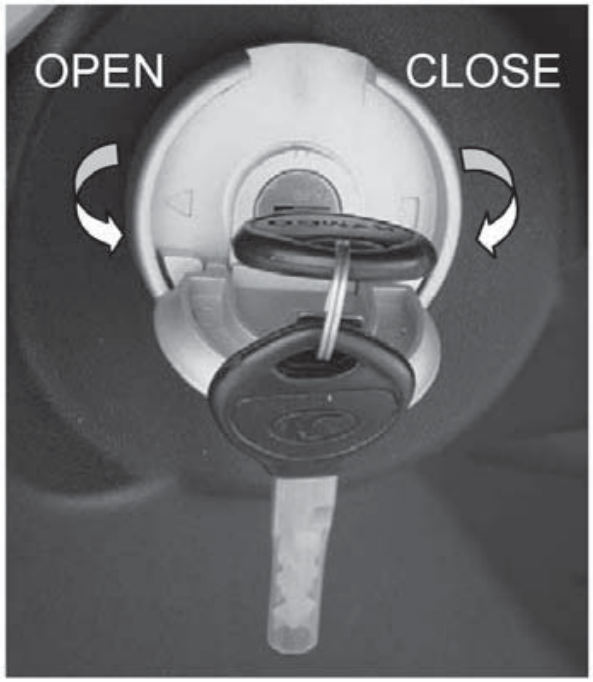
⚠ WARNING

Do not add gasoline to the vehicle if the engine is running. Stop the engine and turn off the ignition before fueling. Gasoline is highly flammable and should be kept away from sparks, flame and other ignition sources.

⚠ CAUTION

Do not overfill the fuel tank. Stop the fuel level at the reference plate near the top of the fuel filler neck. Overfilling the fuel tank can cause gasoline to contaminate the vehicle Evaporative Emission System and may cause poor running. If this occurs, contact your KYMCO dealer.

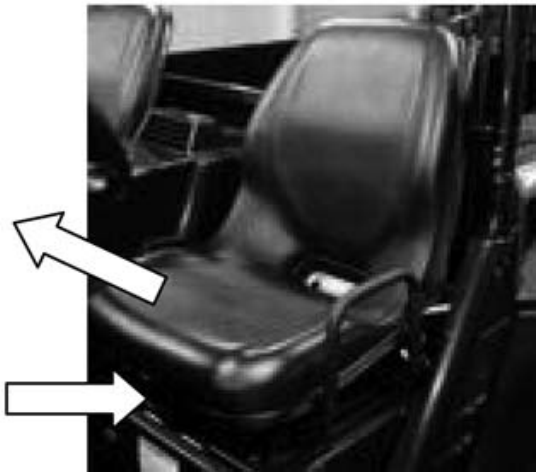
5. To replace the fuel filler cap, press it back into place on the fuel filler neck
6. Rotate the key clockwise to “lock” the cap into place
7. Remove the key and close the protective flap



SEAT REMOVAL

The seats on your UTV500 can be removed from the chassis for cleaning or service.

To remove the seat, pull up on the front edge of the seat to release its location pins from the chassis grommets.



To install the seat, slide the seats' tabs into the corresponding slots on the chassis and then press the front edge down until the location pins are firmly seated into the grommets on the chassis.

SEAT BELTS

Your UXV500 is equipped with lap-shoulder seat belts for the driver and the passenger. The seat belts are similar to the type fitted to most automobiles and should be used by the driver and passenger each time the UTV is driven

To secure the seat belt, insert the end tab into the latch until you feel the latch mechanism "click" as it secures the tab.

To release the seat belt, press the release button on the seat belt latch and pull the tab from the latch.

⚠ WARNING

Never drive your UTV without fastining your seat belt. Passengers should wear their seat belt any time the vehicle is in motion. The shoulder portion of the seat belt is designed to cross diagonally on the driver's or passenger's torso. Failure to use the seat belt, or to use it properly, may cause the driver or the passenger to be ejected from the vehicle causing serious injury or death.

HEAD CUSHIONS

Your UXV500 has head cushions for the driver and the passenger attached to the vehicle's canopy.

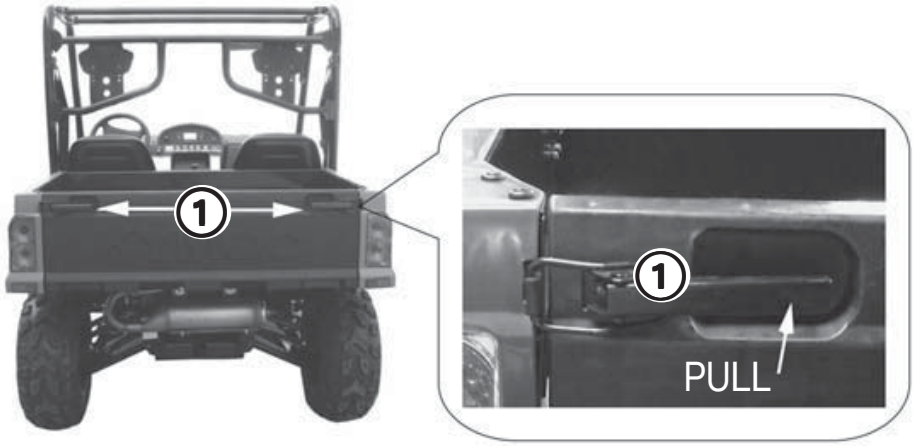
To adjust a cushion's location, remove the three screws that secure the cushion to the canopy. Set the cushion to the desired height and reinstall the screws, tightening them securely.

CARGO BED

Opening & Closing the Tailgate

Your UXV500's cargo bed has a tailgate which can be unlatched to ease the loading and unloading of cargo.

To open the tailgate, release both of the latches (1) by pulling the lever outward and disengage the wire hoop from the hook on the cargo bed. Once the latches are released, pull the top of the tailgate towards you (it is hinged on its bottom edge).



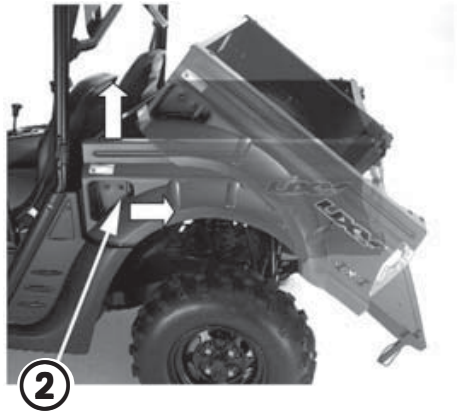
To close the tailgate, lift it back up and secure both of the latches.

Tilting the Cargo Bed

Your UXV500's cargo bed can tilt to aid in the removal of loose cargo, such as gravel.

To tilt the cargo bed, slide the release lever (2) to the right and lift up on the forward edge of the bed (it is hinged at its back edge). Lift the bed up slowly until it reaches its stop.

To return the cargo bed to its normal position, press down on the front of the bed until it seats to the frame and the release latch is reengaged. After the latch is engaged, lift up on the bed to make sure it is secured.



■ NOTE: The maximum load capacity of the cargo bed is 418 lb (190 kg).

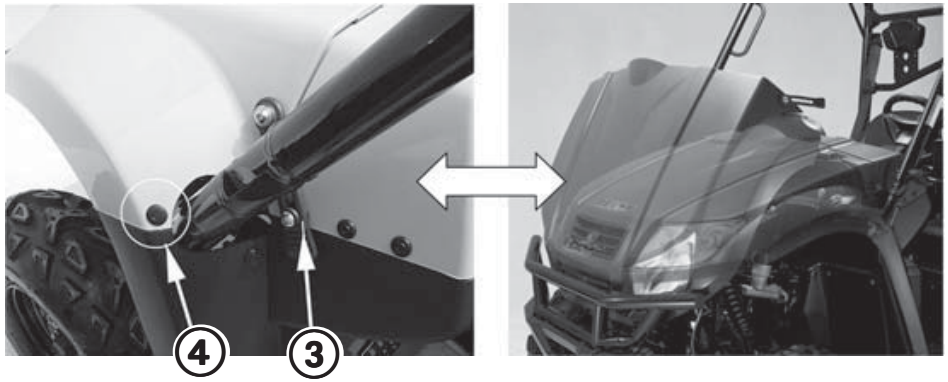
⚠ WARNING

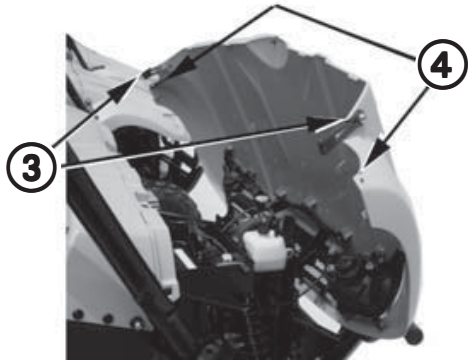
Never drive your UTV with the tailgate open or the cargo bed in the tilted position. This could cause instability which could lead to a tip over or an accident.

HOOD

You can open the hood on your UXV500 to perform maintenance-related tasks.

To open the hood, unhook the two rubber hood latches (3) and release the six plastic fasteners (4). Press the center of the plastic fastener to release it and pull if from the hood and the fender. Lift on the back of the hood to raise it (it is hinged in the front).





To close the hood, carefully lower it back into place on the chassis. Hook the rubber hood latches (3).

Reset the plastic fasteners (4) and insert them back into the holes in the hood, the dash, and the fender extensions. Set the fastener by pressing the center pin down so it is flush with the fastener's button head.

SWITCHES

Ignition Switch

The UXV500 ignition switch is a three-position, key-operated switch, The key can be removed from the switch when it is in the OFF position.

OFF:

Engine is off. All electrical circuits are off (except accessory circuit).

ON:

The engine can run as the ignition is powered. The electrical circuits are on.

START:

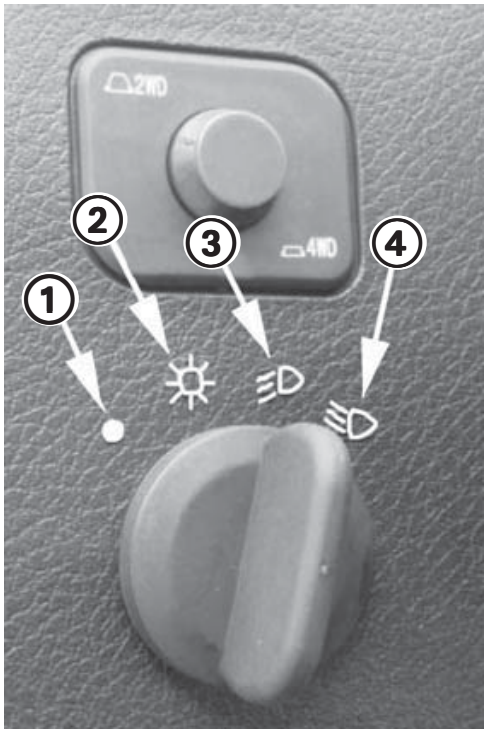
The starter motor is engaged by turning and holding the switch in this position. Once released, the switch will return to the ON position.

⚠ CAUTION

Allow thirty seconds between starting attempts to allow the starting motor to cool. Continuous starting attempts will result in overheating and damage to the starting motor.

Light Switch

The UXV500 light switch is a four-position switch. The ignition switch must be ON to power the light circuit. Rotate the switch to select the lighting required for the driving situation.



LIGHTS OFF ①:

In the position, the lights are OFF.

POSITION LIGHT ON ②:

The lights are OFF (not a feature on US-market model).

LOW-BEAM HEADLIGHT ON ③:

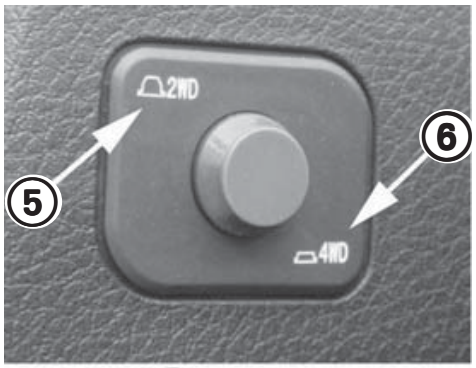
In this position the low-beam of the headlights are ON.

HIGH-BEAM HEADLIGHT ON ③:

In this position the high-beam of the headlights are ON.

2WD / 4WD Button

The UXV500 is equipped with an remote, electric system to shift the differential between two-wheel and four-wheel drive modes. Press the 2WD/4WD button to select the desired drive mode.



2WD ⑤:

In the position, the differential will select 2WD mode (rear wheels only). The icon “2WD” will display on the LCD speedometer.

4WD ⑥ :

In the position, the differential will select 4WD mode (all wheels are driven). The icon “4WD” will display on the LCD speedometer.

CHOKE KNOB

To aid cold-engine starting, the UXV500 is equipped with a manual choke. The choke knob is located on the dashboard to the left of the steering wheel.

To start a cold engine, pull the choke knob (7) all the way out until it stops and hold it in place. Use the ignition switch to engage the starter motor. After starting, allow the engine to warm until the idle speed stabilizes and then release the choke knob.

AUXILIARY POWER OUTLET

Your UXV500 is equipped with a SAE 12VDC power outlet (cigarette lighter socket) to provide power to electrical accessories.

This power outlet (8) provides fused power (15A) at all times. Additional spade-type connectors are available on the outlet on the back side of the dash to provide a more permanent source of accessory electrical power.

⚠ CAUTION

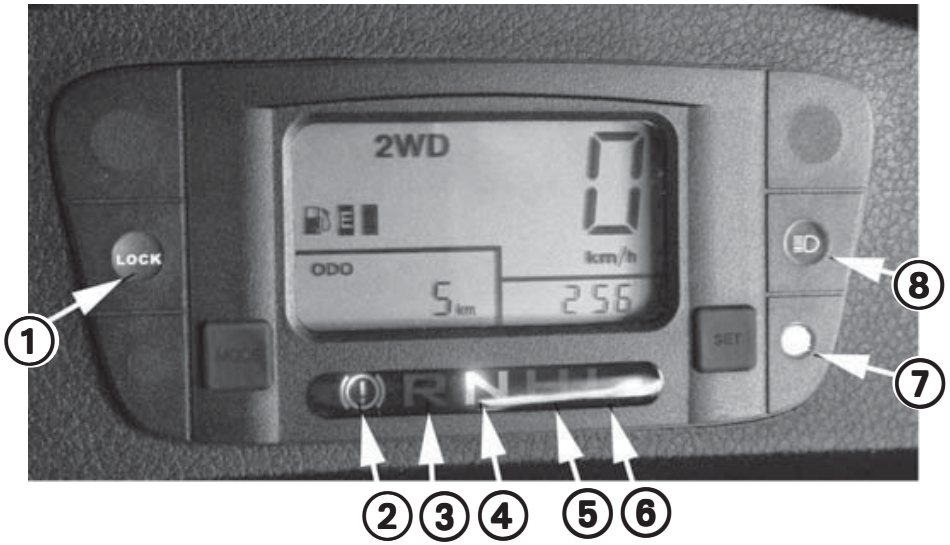
No not use items that will exceed the amperage capacity of the auxiliary power outlet or connectors. The maximum capability of this circuit is 15A (180 W). It would be acceptable to power items such as a winch control relay, however a winch motor would exceed the circuit's capacity. Follow accessory wiring instructions explicitly to prevent damage to your UXV500. If you need assistance installing accessories properly, consult your KYMCO dealer.

MULTIFUNCTION METER

Your UXV500 is equipped with a multifunction meter on its dashboard that includes speedometer, odometer, indicator lamps and other operational information and alerts. The multifunction meter becomes active when the ignition switch is in the ON position.

Indicator Lights

Indicator lights will provide you information about the operational status of several of the vehicles features and controls.



① Differential Lock

② Parking Brake

③ Reverse Gear

④ Neutral

⑤ High Gear

⑥ Low Gear

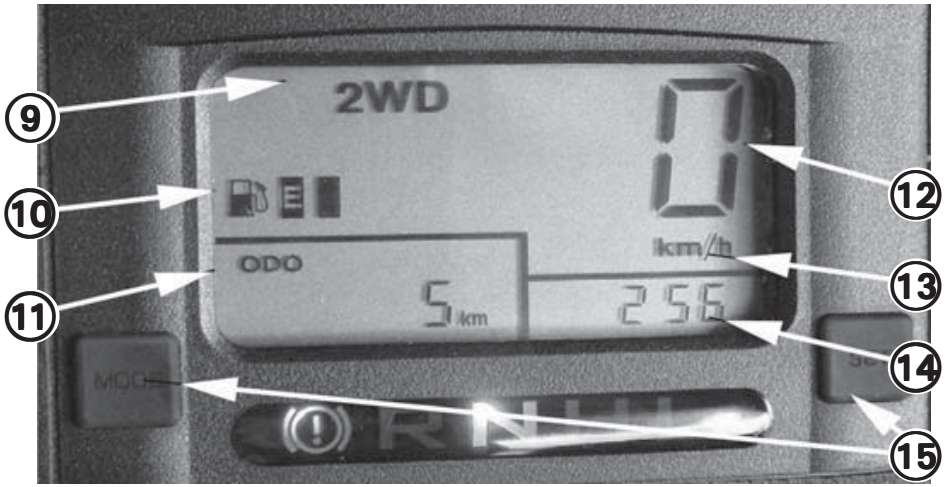
⑦ High Temperature Warning

⑧ High Beam

LCD Indicator Icons & Meter Buttons

The Liquid Crystal Display (LCD) portion of the multifunction meter provides the driver with information such as vehicle speed, total miles operated, trip mileage, fuel level, time and drive mode.

There are two buttons that control other functions of the multifunction meter: the MODE and SET buttons. These buttons allow programming of certain multifunction meter features, such as the clock.



⑨ 2WD/4WD Indicator

⑩ Fuel Level Indicator

⑪ Odometer/Tripmeter

⑫ Speedometer

⑬ MPH or Km/H display

⑭ Clock

⑮ MODE & SET Buttons

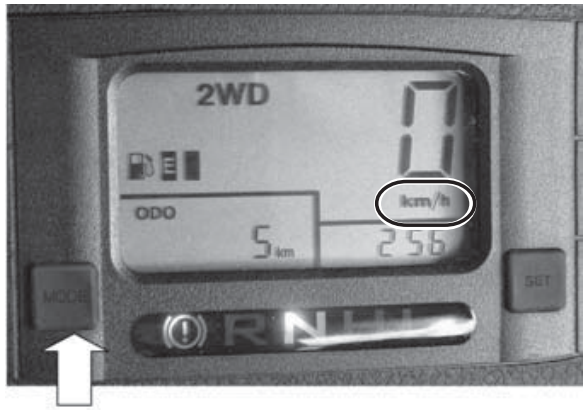
Multifunction Meter Operation

The UXV500's multifunction meter can be programed to display speed in MPH or Km/H, distance traveled (tripmeter) and time (clock).

Use the MODE and SET buttons with procedures listed in the following sections to set and display the desired information.

Speedometer: MPH -or- Km/H Display

To toggle the multifunction meter's speed display between MPH and Km/H, press down the MODE button for two seconds. This will shift the display between MPH or Km/H.

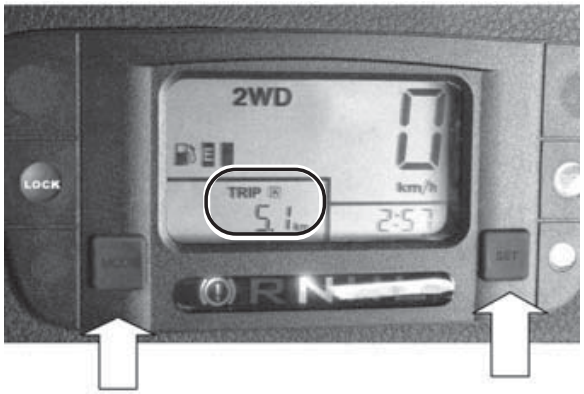


Tripmeter: Selecting Odometer, "Trip A" or "Trip B"

To toggle the multifunction meter's odometer and tripmeter display, press hold the SET button for two seconds and release. This will shift the display between the odometer and the tripmeter.

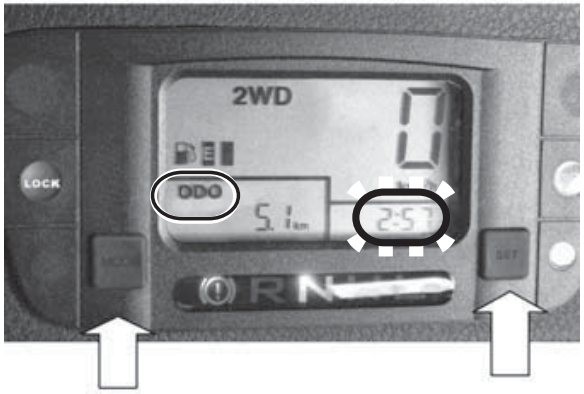
Clearing the Tripmeter

To clear the tripmeter's mileage, select the trip meter you wish to clear, then press and hold the SET and MODE buttons simultaneously for two seconds. This will clear the mileage ("zero the tripmeter") on the selected tripmeter display.

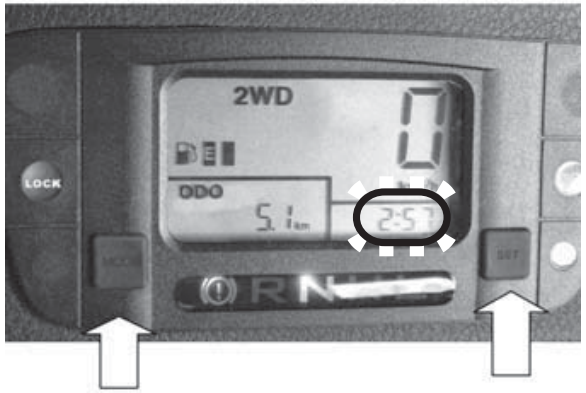


Setting the Clock

To set the clock's time, cycle the odometer/tripmeter until the odometer mileage is displayed. Then press and hold the SET and MODE buttons simultaneously until the clock display begins to flash.



Once the clock display is flashing, you can set the hours and the minutes. Press the MODE button to change the HOURS setting. Press the SET button to change the MINUTES setting.



MODE button
HOURS

SET button
MINUTES

Once you have set the desired time, press and hold the SET and MODE buttons simultaneously to complete the clock setting (the clock display will stop flashing).

PERIODIC MAINTENANCE SCHEDULE

ITEM	WHICHEVER COMES FIRST / ROUTINE		INITIAL	EVERY	
		mi	100	600	1200
		Km	150	1000	2000
		MONTH	1	6	12
Engine oil	•Replace (Warm engine before draining).		○	○	○
***Oil strainer**	•Clean. •Replace if necessary.		○	○	○
Engine oil filter cartridge	•Replace		○	○	○
Final gear oil	•Check oil level/oil leakage •Replace every 12 months.		○		○
Differential gear oil	•Check oil level/oil leakage •Replace every 12 months.		○		○
Air filter element (for engine and *V-belt compartment)	•Clean. (More often in wet or dusty areas.) •Replace if necessary.			○	○
***Carburetor**	•Check idle speed/starter operation. •Adjust if necessary.		○	○	○
***Cylinder head cover breather system**	•Check breather hose for cracks or damage. •Replace if necessary.			○	○
Spark plug	•Check condition. •Adjust gap and clean. •Replace if necessary.		○	○	○
***Fuel line**	•Check fuel hose for cracks or damage. •Replace if necessary.			○	○
***Valves**	•Check valve clearance. •Adjust if necessary.		○	○	○

Continued on following page...

PERIODIC MAINTENANCE SCHEDULE

ITEM	ROUTINE / WHICHEVER COMES FIRST		INITIAL	EVERY	
		mi	100	600	1200
		Km	150	1000	2000
		MONTH	1	6	12
*Brake	•Check operation and brake fluid. •Replace brake pad if necessary.		○	○	○
*Coolant	•Check coolant leakage. •Replace if necessary. •Replace coolant every 24 months.		○	○	○
*V-belt	•Check operation. •Replace if damage or excessive wear.		○		○
*Exhaust system	•Check leakage. •Retighten if necessary. •Replace gasket if necessary.			○	○
Spark arrester	•Clean			○	○
*Wheels	•Check balance/damage/runout. •Replace if necessary.		○	○	○
*Wheel bearings	•Check bearing assembly for looseness/damage. •Replace if damaged.		○	○	○
*Steering system	•Check operation. •Replace if damaged. •Check toe-in. •Adjust if necessary.		○	○	○
*Drive shaft boots	•Check operation. •Replace if damaged.			○	○
*Suspension	•Check operation. •Correct if necessary.			○	○

Continued on following page...

PERIODIC MAINTENANCE SCHEDULE

ITEM	ROUTINE / WHICHEVER COMES FIRST		INITIAL	EVERY	
		mi	100	600	1200
		Km	150	1000	2000
		MONTH	1	6	12
*Knuckle shafts/ Steering shaft	•Lubricate every 6 months.			○	○
*Fittings and Fasteners	•Check all chassis fittings and fasteners. •Correct if necessary.		○	○	○

* : It is recommended that these items be serviced by a KYMCO dealer.

** : Lithium soap base grease.

BREAK-IN PROCEDURE

New UTVs and renewed UTV engines require a "break-in" period. The first month is most critical to the life of your UTV's engine, and proper operation during this break-in period will help assure maximum life and performance from your UTV.

During your UTV's first ten hours of operation, always use a light throttle, keeping engine RPM well below the maximum. Varying the engine RPM during the break-in period allows the engine and transmission components to mate together so they will operate smoothly in the future. Applying some higher engine RPM's and other loads during the break-in period is not detrimental when done in moderation. Do not pull a trailer or haul very heavy cargo loads during the break-in period.

When the engine starts, allow it to warm up properly. Permit the engine to idle for several minutes until the it has reached normal operating temperature. However, do not allow the engine to idle for excessively long periods of time, as this additional heat can affect future engine integrity.

⚠ CAUTION

BRAKE PADS MUST BE BEDDED-IN TO ACHIEVE FULL BRAKING EFFECTIVENESS.

Braking distance will be greater until brake pads are properly bedded-in.

TO PROPERLY BED-IN THE BRAKES, USE FOLLOWING PROCEDURE:

* Choose an area sufficient to safely accelerate your UTV to 30 mph and smoothly brake to a stop
* Accelerate to 30 mph, then depress the brake pedal to decelerate to 0 - 5 mph
* Repeat procedure five times

⚠ WARNING

Do not attempt sudden stops or put yourself into a situation with your UTV where a sudden stop will be required until the brake pads are properly bedded-in.

After the completion of the break-in period, your UTV's engine oil and oil filter should be changed. Other maintenance after break-in should include checking of all prescribed adjustments and tightening of all fasteners. It is your responsibility, as the owner and driver of your UTV, to arrange for and pay for this initial service.

Because of the technical ability and resources available to an authorized KYMCO dealer, it is best to take your UTV to the dealer for service rather than attempting to perform this initial service yourself.

■ NOTE: Proper maintenance of your UTV is important for optimum performance and safety. Follow the Maintenance Schedule listed in this manual and in other official KYMCO publications.

If you become aware of any abnormal noises, vibrations, or improper function of any component of your UTV, DO NOT OPERATE THE UTV. Take your UTV to an authorized KYMCO ATV dealer for inspection and adjustment or repair.

⚠ CAUTION

If you do not feel qualified to perform any of the maintenance procedures or inspections listed in this Owner's Manual, take your UTV to an authorized KYMCO dealer for professional service.

■ NOTE: The instructions and information on the following pages refer to specific items in the maintenance and care of your UTV.

TOOL KIT

A tool has been supplied with your UXV500 for your convenience. The tool kit is stored in the right glove box.

① Tool Pouch
② Tire Air Pressure Gauge
③ Wrench - 17/19 mm
④ Wrench - 10/14 mm
⑤ Wrench - 8/12 mm
⑥ Screwdriver Handle
⑦ Screwdriver Bit
⑧ Hexagon Wrench
⑨ Hexagon Wrench
⑩ Spark Plug Socket

■ NOTE: The tool kit is a convenience item only. Suitable tools are required for other repairs and service. Consult your KYMCO dealer for more information.

GASOLINE-OIL-LUBRICANT

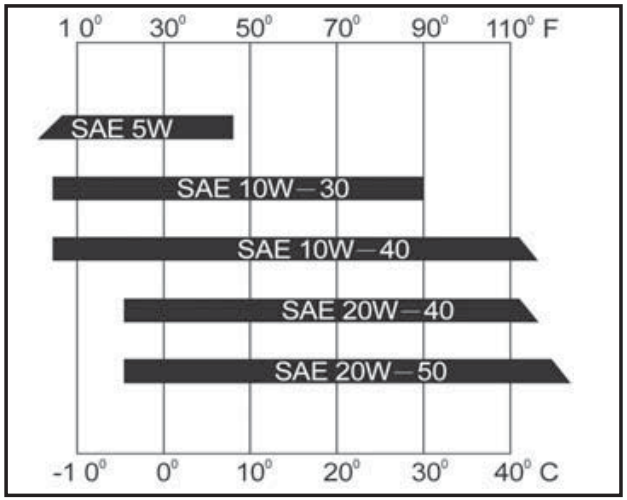
Recommended Gasoline

The recommended fuel to use in your UTV is regular unleaded gasoline with a 87 minimum octane rating. In many areas, oxygenates (either ethanol or MTBE) are added to the gasoline. Oxygenated fuels containing up to 10% ethanol, 5% methane, or MTBE are acceptable to use.

When using ethanol blended gasoline, it is not necessary to add a gasoline antifreeze since ethanol will prevent the accumulation of moisture in the fuel system.

Recommended Engine Oil

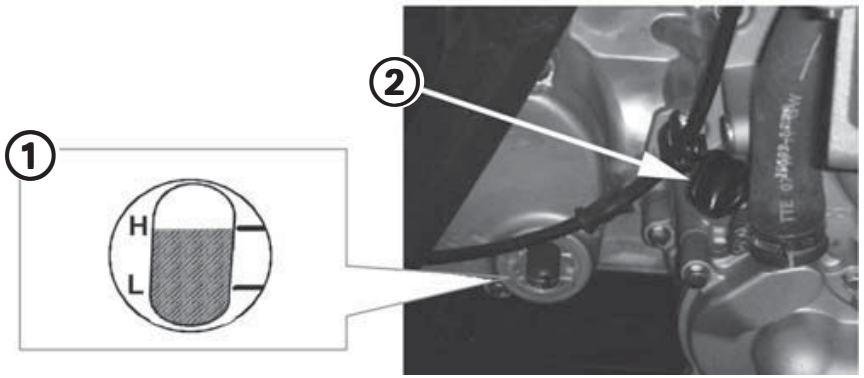
The recommended engine oil to use in your UTV is an oil which is rated SJ or higher under the API service classification. These oils meet all of the lubrication requirements of a KYMCO UTV engine. The recommended, standard oil viscosity is SAE 10W-40. Ambient temperature should determine the correct weight of oil. See the viscosity chart below or consult an authorized KYMCO dealer for guidance.



Engine Oil Level Inspection

To check the engine oil level, use this procedure:

1. Park the UTV on level ground
2. Warm up the engine for several minutes, then turn it off
3. Check the oil level at the inspection window
4. The oil level in the window ① should be above the "L" mark but not higher than the "H" mark. Add oil through the filler cap ② as required



■ NOTE: The UTV should be parked on level ground, with the engine off, when checking the engine oil level. Wait approximately one minute after running for the oil level to stabilize before checking.

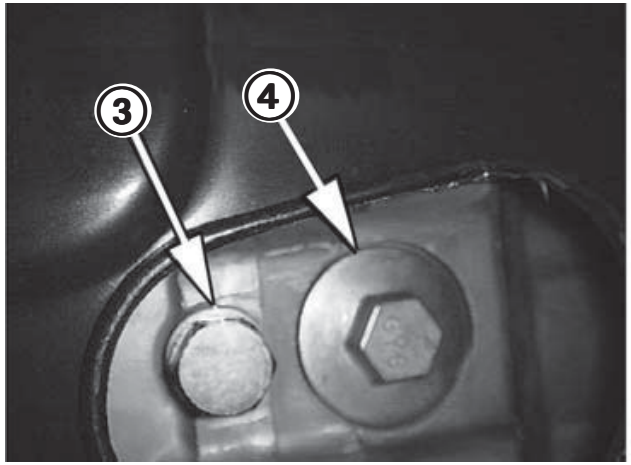
⚠ CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "H" mark.

Engine Oil & Oil Filter Replacement

To replace the engine oil and oil filter, and clean the oil strainer use this procedure:

1. Park the UTV on level ground
2. Warm up the engine for several minutes, then turn it off
3. Place a suitable container under the engine (capable of holding 4 quarts of oil)
4. At the bottom of the engine, remove the oil drain plug ③ and the oil strainer (oil screen) cap ④ to drain the oil

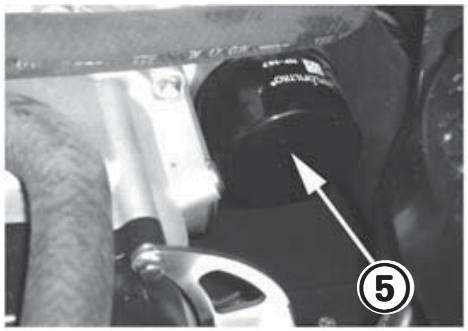


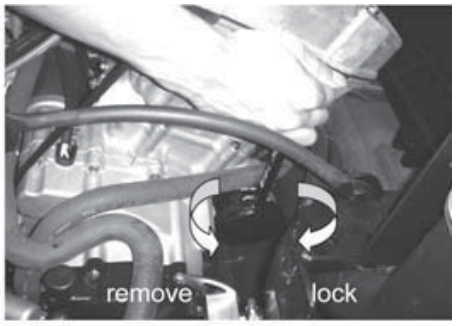
⚠ CAUTION

When removing the oil screen cap, a compression spring, oil strainer and O-ring gasket will fall out. Be careful not to lose these parts and reinstall them in the order that they were removed. When servicing the engine oil, do not allow foreign material to enter the crankcase where it can damage the engine.

■ NOTE: Skip step 5 and proceed to step 7 if you are not going to replace the oil filter cartridge.

5. Remove the oil filter cartridge ⑤ with a suitable oil filter wrench. Rotate the oil filter cartridge counterclockwise to remove it from the engine.





6. Lubricate the new oil filter cartridge's o-ring gasket with clean engine oil and install the filter on the engine. Tighten the oil filter cartridge by rotating it clockwise unit it securely seats to the engine
7. Reinstall the oil strainer and its component parts. Tighten the oil strainer cap securely
8. Reinstall the oil drain plug and tighten it securely
9. Add the appropriate amount of engine oil

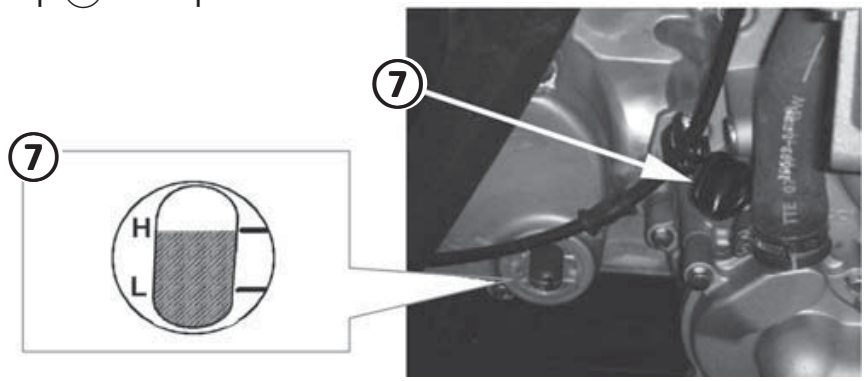
OIL QUANTITY
Without oil filter ..... 3.18 US qt, (3.0 L)
With oil filter change ..... 3.82 US qt, (3.6 L)

■ NOTE: Dispose of the used oil and filter in an environmentally proper way.

⚠ CAUTION

Any oil used in place of the KYMCO recommended engine oil can cause serious engine damage.

10. Warm up the engine for several minutes, then turn it off
11. Check the oil level at the inspection window
12. The oil level in the window ⑥ should be above the "L" mark but not higher than the "H" mark. Add oil through the filler cap ⑦ as required



■ NOTE: The UTV should be parked on level ground, with the engine off, when checking the engine oil level. Wait approximately one minute after running for the oil level to stabilize before checking.

⚠ CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "H" mark.

Recommended Front Differential/Rear Drive Lubricant

The recommended lubricant for your KYMCO UTV (front differential and rear drive when applicable) is an SAE approved 80W-90 Hypoid fluid.

⚠ CAUTION

Any lubricant used in place of the KYMCO recommended lubricant can cause serious front differential/rear drive damage.

Front Differential and Rear Drive Gear Lubricant (Inspecting/Changing)

Inspect and change the gear lubricants in your UTV according to the Maintenance Schedule. When changing the lubricant, only use the approved SAE 80W-90 hypoid-type fluid and use the following procedure:

1. Park your UTV on level ground
2. Remove each fluid filler plug
3. Drain the fluid into a drain pan by removing the drain plug from the Front Differential
4. Drain the fluid into a drain pan by removing the drain plug from the Rear Drive

⚠ CAUTION

Inspect the oil for any signs of metal filings or water. If found, take your ATV to an authorized KYMCO ATV dealer for servicing.

5. After all the fluid has been drained, reinstall the drain plugs and tighten them securely
6. Pour recommended oil into each filler hole

■ NOTE: If the gear case has a level plug, add fluid up to the threads of the level plug. If your UTV's gear case only has a fill plug, add fluid to within 1 in. of the threads of the fill plug.

7. Reinstall the fluid filler plugs and level plugs

Filling the Fuel Tank

See page 52 of this manual on how to unlock the fuel tank cap.

⚠ WARNING

Always fill your UTV's fuel tank in a well-ventilated area. Do not spill or overflow gasoline when filling the fuel tank. This will greatly increase the risk of a fire hazard. Never add gasoline to the ATV fuel tank near any open flames or with the engine running or hot. DO NOT SMOKE while filling the fuel tank.

Since gasoline expands as its temperature increases, the fuel tank on your UTV should only be filled to its rated capacity. Expansion room must be maintained in the tank, particularly if the tank is filled with cold gasoline and the UTV is then moved to a warm area.

⚠ WARNING

Do not overfill the fuel tank.

SPARK PLUG

Inspection & Replacement

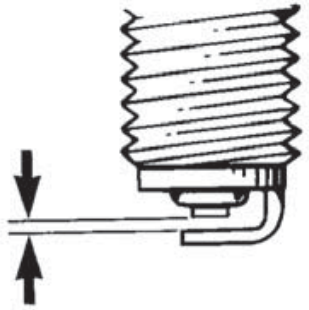
The spark plug is an important engine component and is easy to inspect. The condition the spark plug can indicate the condition of your UTV's engine.

For example, a very white center electrode porcelain color could indicate an intake air leak or carburetion problem. Do not attempt to diagnose such problems yourself. Instead, take your UTV to a KYMCO dealer.

You should periodically remove and inspect the spark plug because heat and deposits will cause the spark plug to slowly wear down and erode. If electrode deterioration becomes severe, replace the spark plug with one of the proper type.

Spark plug type CR7E (NGK)
Tightening torque ..... 73 lb-ft (17.2 N-m)

Electrode gap:
0.028 - 0.028 in (0.9 mm)



■ NOTE: Before installing the spark plug, measure the electrode gap with a feeler gauge and adjust to specification. When installing the spark plug, always clean the gasket surface and use a new spark plug if the sealing gasket is pressed flat. Always tighten the spark plug to the specified torque.

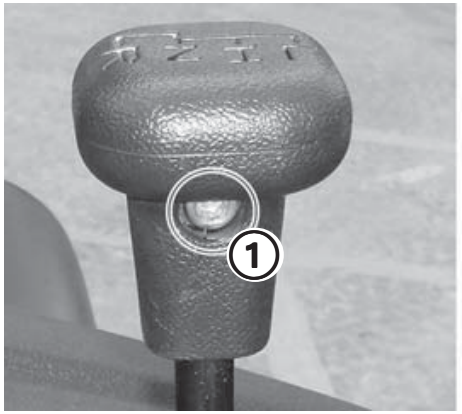
AIR CLEANER

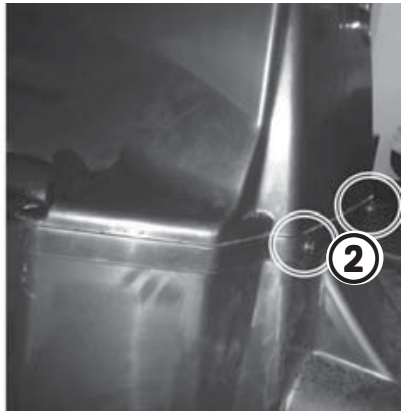
Air Cleaner Element Service

The air cleaner element (air filter) requires periodic service because it must be kept in good condition to prevent debris from getting into the engine and causing premature wear.

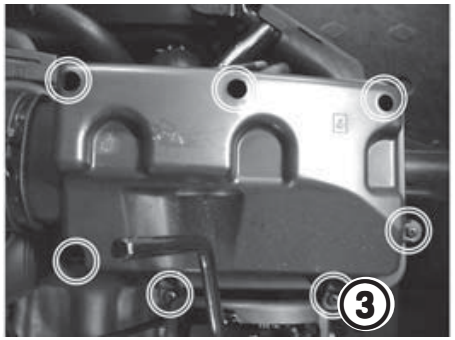
To remove and service the air cleaner element, follow this procedure:

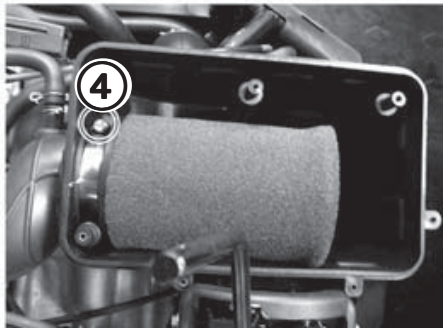
1. Remove the gear shift lever knob by removing the retainer bolt ①
2. Remove the center console retainer screws ② and remove the console cover





3. Remove the air cleaner cover screws ③
4. Loosen the joint clamp ④ and remove the element from the air cleaner





⚠ CAUTION

The air cleaner element must be in serviceable condition. If it is torn or damaged it must be replaced. A damaged of improperly serviced air cleaner element will cause premature engine wear.

5. Use compressed air to blow debris from the air cleaner element ⑤. If the debris is heavy, the foam will need to be cleaned and re-oiled

⚠ CAUTION

The UXV500's air cleaner element is a oiled foam type that requires cleaning with an appropriate solvent and re-oiling so it will properly filter debris from the air that will enter the engine. Consult with your KYMCO dealer about air cleaner element servicing products and procedures.

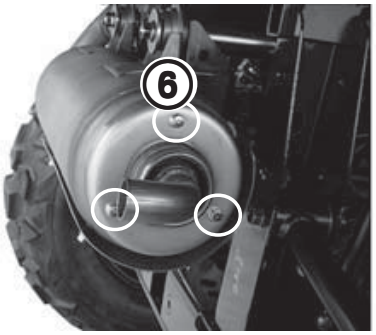
6. After cleaning, reinstall the air cleaner element and the covers in reverse order of disassembly

EXHAUST

Spark Arrestor Cleaning

Your UXV500 is equipped with a spark arrestor in its muffler. The spark arrestor is required for you to operate your UTV on public lands. Periodically you will need to clean the spark arrestor's screen of carbon by following this procedure:

1. Remove the three retaining screws ⑥ and pull the spark arrestor from the muffler body
2. Use a wire brush to clean the carbon from the arrestor screen ⑦
3. Reinstall the spark arrestor in the muffler body and securely tighten the retaining screws



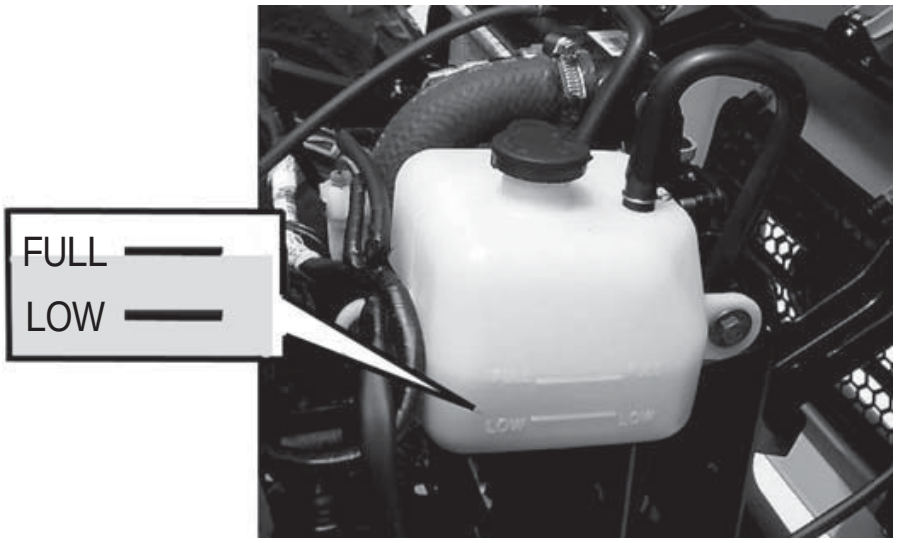
COOLING SYSTEM

Inspection

Your UXV500 has a liquid-cooled engine and periodically you should inspect the level of the fluid in the coolant reservoir and the external condition of the radiator.

Inspect and adjust the fluid level in the coolant reservoir using the following procedure:

1. Open the hood
2. Check the coolant level in the coolant reservoir when the engine is cold as the level will vary with changes in engine temperature. The coolant level should be between the FULL and LOW marks on the reservoir



2. If the fluid level is low, add coolant or distilled water to raise it up the to FULL level

⚠ CAUTION

Hard water, tap water, or salt water is harmful the engine and the cooling system components. Always use distilled water or pre-mixed coolant (50:50 ratio) when adding fluid to the coolant reservoir.

■ NOTE: If you have to add water to your UTV's coolant, have your KYMCO dealer inspect the coolant as soon as possible to determine if it is in good condition.

Periodically inspect the external condition of the radiator and the coolant hoses. Look for leaks or damage on the cooling fins of the radiator.

⚠ WARNING

Never remove the radiator cap when the engine is warm. The coolant in the radiator is very hot and under pressure and can cause severe burns.

■ NOTE: Dirt and debris must be cleaned from the radiator's fins regularly to ensure proper engine oil cooling.

⚠ CAUTION

Operating your UTV with high engine temperature may result in engine damage or premature wear.

■ NOTE: High engine RPM, low vehicle speed, or heavy load will raise engine temperature. Decreasing engine RPM, reducing load, and selecting an appropriate transmission gear can lower the temperature.

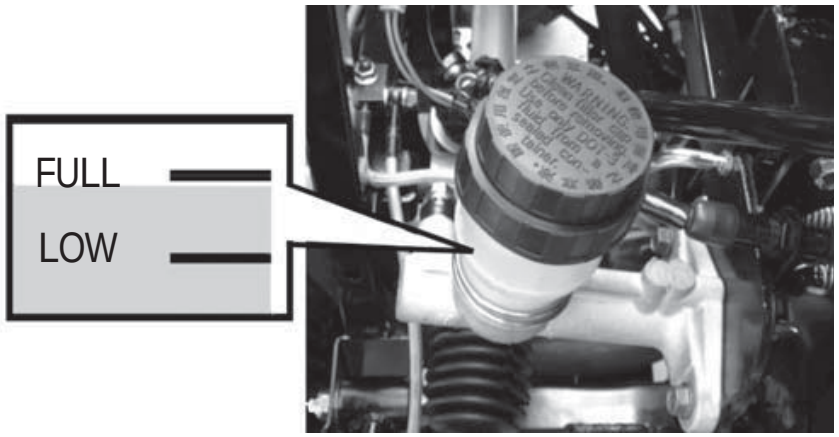
BRAKES

Brake Fluid Inspection

Your UXV500 has hydraulically operated brakes and periodically you should inspect the level and condition of the fluid in the brake fluid reservoir.

Inspect and adjust the brake fluid level in the reservoir using the following procedure:

1. Open the hood
2. Check the brake fluid level; the brake fluid level should be between the FULL and LOW marks on the reservoir



3. If the level is low, unscrew the reservoir cap and add DOT 3 brake fluid to bring level up to the FULL mark
4. Clean the reservoir cap with a clean cloth and replace it
5. Close the hood

⚠ CAUTION

Only use DOT 3 brake fluid from a sealed container. Replace the brake fluid per the maintenance schedule.

⚠ WARNING

POTENTIAL HAZARD
Brake fluid contacting the skin or eyes.

WHAT CAN HAPPEN
The fluid will cause irritation.

HOW TO AVOID THIS HAZARD
Avoid brake fluid contact with skin or eyes. In case of contact, flush the affected area thoroughly with water and call a doctor if your eyes were affected.

SHOCK ABSORBERS

Each shock absorber on your UTV should be visibly checked weekly for excessive fluid leakage (some seal leakage is normal), cracks or breaks in the shock body, or a bent shock rod. If any one of these conditions is detected, replacement is necessary.

■ NOTE: If you drive your UTV in extremely cold weather (-10° F / -23° C or colder), a small amount of fluid leakage may occur on the shock rod. Unless the leakage is excessive, replacement of the shock absorbers is not necessary.

GENERAL LUBRICATION

Cables

Under normal use, the control cables on your UTV do not require lubrication. However, it is advisable to lubricate the ends of the cables periodically with a quality cable lubricant.

WHEELS

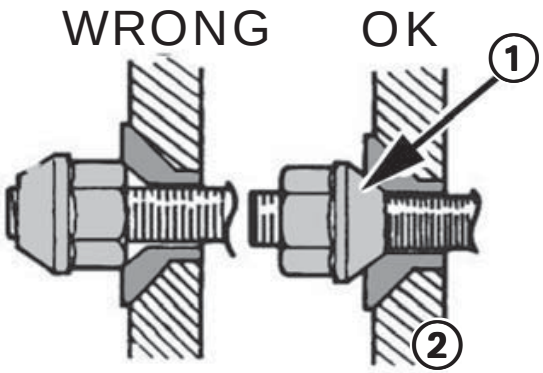
Wheel Removal & Installation

To remove the wheels from your UTV, follow this procedure:

1. Elevate the UTV so the wheel comes off the ground by using a suitable jack and support stands
2. Remove the nuts from the wheel
3. Remove the wheel assembly

To intall the wheels on your UTV, follow this procedure:

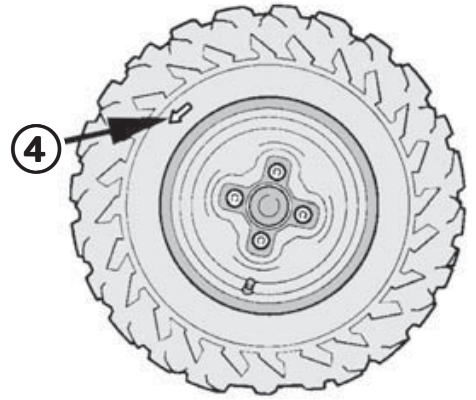
1. Place the wheel on the spindle
2. Install the nuts on the spindl's studs so the tapered side of the nut ① faces the wheel ②



3. Tighten the wheel nuts in a criss cross pattern ③
4. Torque the nuts to the specified torque

Wheel Nut torque ..... 40 lb-ft (55 N-m)

■ NOTE: The arrow mark 4 on the tire must point towards the rotating direction of the wheel.



⚠ WARNING

POTENTIAL HAZARD
Install the wheels improperly.

WHAT CAN HAPPEN
A wheel may come loose, possibly leading to an accident.

HOW TO AVOID THIS HAZARD
Carefully follow the instructions in this Owner's Manual when installing the wheels.

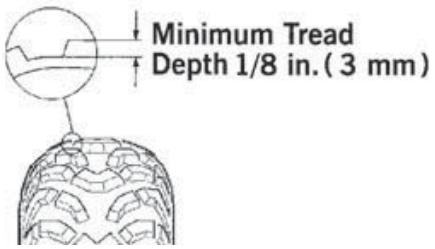
TIRES

⚠ WARNING

Always use the size and type of tires specified for your KYMCO UTV. Refer to the specifications chart in this manual for tire-related information and always maintain proper tire inflation pressure.

Tire Tread Condition

The use of worn-out tires on your UTV is very dangerous. A tire is considered to be worn-out when the depth of the tread is less than 1/8 in (3 mm). Be sure to replace the tires on your UTV before reaching this minimum specification.



⚠ WARNING

The use of worn-out tires on your UTV can be dangerous and can increase the risk of an accident.

Tire Replacement

Your UTV has low-pressure tubeless tires. Air is sealed by the contact surfaces of the inner wheel rim and the tire bead. If either the inner wheel rim or tire bead are damaged, air may leak. Be extremely careful not to damage these areas when replacing tires. It is very important to use proper tools when repairing or replacing tires to prevent damage to the tire, the tire bead or wheel rims. If you do not have access to the proper tools or lack the technical ability, have your tires serviced by an authorized KYMCO dealer.

⚠ CAUTION

When breaking the tire bead loose from the wheel, be extremely careful not to damage the inner wheel surface or the tire bead.

⚠ WARNING

Use only KYMCO approved tires on your UTV when replacing tires. Failure to do so could result in unstable UTV operation.

Tubeless Tire Repair

Should a leak or flat tire occur due to a puncture, the tire may be repaired using a plug-type repair. If the damage is from a cut or if the puncture cannot be repaired using a plug, the tire must be replaced. When riding your UTV in areas where transportation or service facilities are not readily available, you should carry a plug-type repair kit and a tire pump.

ENGINE IDLE SPEED ADJUSTMENT

To properly adjust the engine idle speed on your UTV, a tachometer is required. If you do not have one, take your UTV to an authorized KYMCO dealer.

■ NOTE: The idle adjustment screw is located on the carburetor.

To adjust the engine idle speed (RPM) follow this procedure:

1. Start your UTV's engine and warm it to normal operating temperature
2. Turn the idle adjustment screw in or out until the engine idles between 1400 to 1600 RPM

⚠ WARNING

Adjust the idle to the correct RPM after making sure the engine is at normal operating temperature.

BATTERY

The battery is located in a compartment under the hood of your UXV500. After initial service, batteries require regular cleaning of the terminals and recharging in order to deliver peak performance and maximum service life. The procedures listed in this manual are recommended for cleaning and maintaining MF-sealed type batteries. Always read and follow instructions provided with battery chargers and battery products.

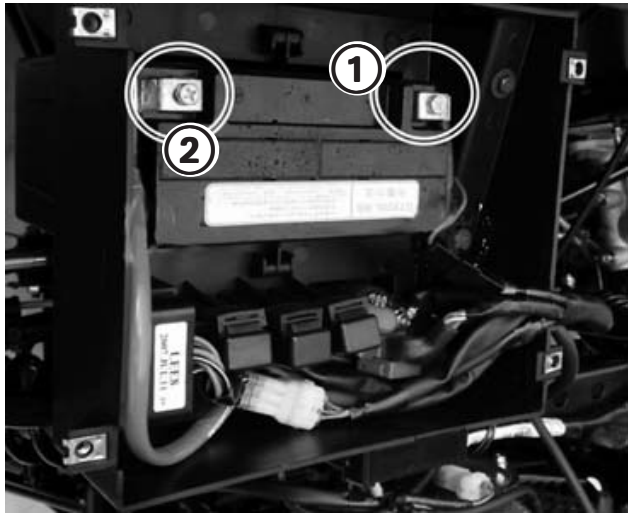
■ NOTE: You can perform your own battery maintenance if you are qualified to do so. If you do not feel qualified, take your UTV to an authorized KYMCO UTV dealer for battery service. As with all other periodic maintenance, you are responsible to arrange and pay for this service.

⚠ WARNING

Battery service must be performed in an area free of any sparks, open flame, cigarettes, or any other flame. Always wear safety glasses. Protect skin and clothing when handing a battery. When servicing battery in enclosed space, keep the area well-ventilated.

To remove the battery from your UTV for service, follow this procedure:

1. Turn off the ignition switch and open the hood
2. Remove the battery compartment cover
3. Disconnect the battery cables. Disconnect the negative cable ① first, then disconnect the positive cable ②
4. Remove the battery from the battery compartment. Then thoroughly wash the battery and the compartment with soap and water



■ NOTE: If the battery posts, cable ends, or the battery case has a buildup of white/green powder residue, apply water and baking soda to neutralize this acid residue and rinse with warm soapy water.

5. Use a wire brush to clean the battery posts and cable ends, removing all corrosive buildup. Replace any damaged cables
6. Use a multimeter to test the battery voltage. The voltage for a fully charged battery should be at least 12.5 DC Volts
7. If the meter indicates low voltage, charge the battery using the guidelines on the following page

⚠ CAUTION

Never remove the caps from the battery to add water or electrolyte (sulfuric acid) to the battery. The UXV500's battery is a MF (maintenance-free) sealed type, so the removal of the caps and the addition of fluid will cause severe battery damage.

- NOTE: If the meter indicates the proper voltage, the battery may be reinstalled in the UTV (see step 10).
- NOTE: If the meter indicates the voltage is low, charge the battery using a automatic battery charge specially designed for use on MF-type batteries. When using an automatic battery charger, always follow the charger manufacturer's instructions.

⚠ WARNING

A battery overheated from improper charging could explode causing severe injury or death. Always monitor the battery charging carefully. Stop charging if the battery becomes very warm to the touch. Allow it to cool before resuming charging.

8. After charging , remove the battery charger
9. Test the battery voltage again. The meter should read at least 12.5 DC Volts. If the voltage is as specified, the battery is ready to be reinstalled in the ATV
10. Reinstall the battery into the battery compartment and apply a light coat of dielectric grease on the battery posts and cable ends

⚠ CAUTION

Before installing the battery, make sure the UTV's ignition switch is in the OFF position.

11. Connect the battery cables (positive cable first), reattach the battery compartment cover and close the hood

⚠ CAUTION

Connecting the battery cables in reverse (positive to negative and negative to positive) can cause serious damage to the electrical system.

⚠ WARNING

Battery acid is harmful if it contacts eyes, skin, or clothing. Extreme care must be taken whenever handling a battery.

FUSES

The main, 30A fuse is located on the starter relay. The fuse box holds the other fuses and is located in the battery compartment under the hood of your UXV500. The fuse box accepts small, blade-style fuses. To inspect or replace a fuse in the fuse box, follow this procedure:

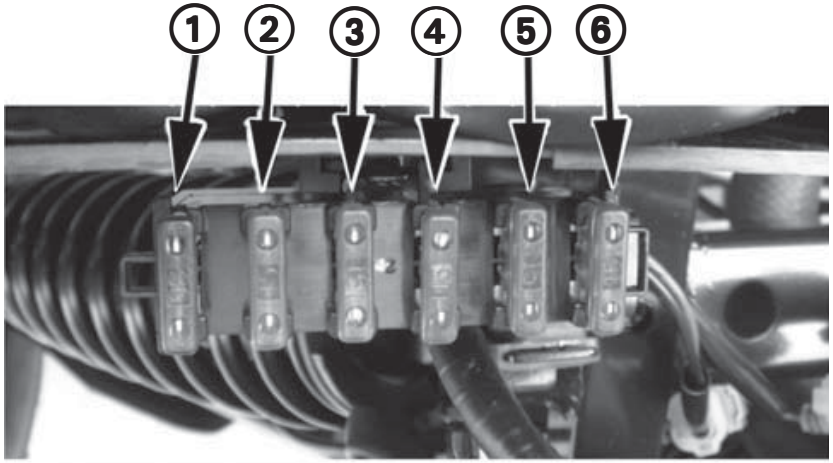
1. Turn off the ignition switch and open the hood
2. Remove the battery compartment cover
3. Remove the fuse box cap
4. Pull the old fuse from the fuse holder
5. Push the new fuse into the fuse holder
6. Reinstall the fuse box cap
7. Reinstall the battery compartment cover and close the hood

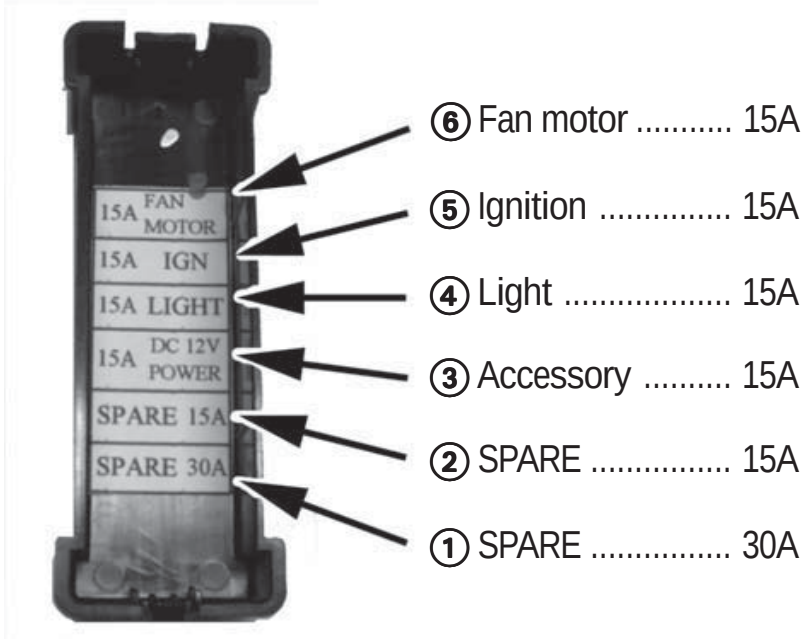
⚠ CAUTION

To prevent an accidental shirt-circuit, turn off the main ignition switch before inspecting or replacing a fuse.

Fuse Identification

The fuse box inner lid has a label which identifies the fuse's circuit, its rating, and its location in the fuse box.





⑥ Fan motor 15A

⑤ Ignition 15A

④ Light 15A

③ Accessory 15A

② SPARE 15A

① SPARE 30A

GENERAL MAINTENANCE
PREPARATION FOR STORAGE

⚠ CAUTION

Prior to storing your UTV, it should be properly serviced to prevent component rusting and deterioration.

KYMCO recommends the procedures listed on this page to prepare your UTV for storage. If you lack the technical ability to prepare your UTV for storage, consult an authorized KYMCO dealer about performing this service.

1. Clean the seat and head cushions (cover and base) with a damp cloth and allow to the surfaces to dry
2. Clean your UTV thoroughly by washing dirt, oil, grass, and other debris from the entire vehicle. Allow the UTV to dry thoroughly. DO NOT get water into the engine, air intake or exhaust
3. Drain the gas tank completely or add a fuel stabilizer to the fuel in the gas tank. Remove the air filter housing cover and air filter
4. Start the engine and allow it to idle, then spray KYMCO Engine Preserver into the air filter opening for a period of ten to twenty seconds. Turn off the engine and reinstall the air filter and housing cover

⚠ CAUTION

If the interior of the air filter housing is dirty, clean it of any debris before starting the UTV's engine.

5. Drain the gasoline from the carburetor float bowl
6. Plug the exhaust system outlet with a clean cloth
7. Apply some light oil to the upper steering post bushing and shafts of the shock absorbers
8. Tighten all nuts, bolts, cap screws, and screws - tighten these fasteners to the proper torque specification. Make sure that the rivets holding components together are tight - replace all loose rivets
9. Disconnect the battery cables (negative cable first) and then remove the battery. Clean the battery posts and cables. Store the battery in a clean, dry area were you can access it for periodic charging
10. Store your UTV indoors, parked in a level position

⚠ CAUTION

Do not store your UTV outside in direct sunlight to avoid damage to the body work. Avoid using a plastic cover as moisture can condense on the UTV, causing rust and corrosion.

GENERAL MAINTENANCE
PREPARATION OF YOUR UTV FOR DRIVING AFTER STORAGE

After storage, your UTV requires particular attention and adjustments to make sure you will enjoy many miles of trouble-free driving. To take your UTV out of storage, KYMCO recommends using the following procedure:

1. Clean your UTV thoroughly
2. Clean the engine. Remove the cloth from the exhaust system outlet
3. Check all control wires and cables for signs of wear or fraying. Replace any suspect items
4. Change the engine/transmission oil and filter
5. Charge the battery and test the voltage (refer to page 75) before installation. When installing the battery, connect the positive cable first

⚠ CAUTION

Before installing the battery, make sure the ignition switch is in the OFF position. Connect the positive cable to the battery first.

6. Inspect the brake system. Verify the good condition of the brake fluid, pads and the controls
7. Verify the proper operation and adjustment of all controls, headlights, taillight, brakelight - adjust or replace items as necessary
8. Check the tire pressures - inflate the tires to the recommended pressure
9. Tighten all nuts, bolts, cap screws, and screws - tighten these fasteners to the proper torque specification. Make sure that the rivets holding components together are tight - replace any loose rivets
10. Make sure the steering moves freely and does not bind
11. Check the spark plug - clean or replace as necessary
12. Follow the recommendations listed in the Pre-Drive Inspection

EMISSION CONTROL INFORMATION

Crankcase Emission Control System

Your UXV500's engine is equipped with a closed crankcase system. Blow-by gases are routed back in to the combustion chamber via the intake system. This system does not allow the blow-by gases to enter the atmosphere.

Exhaust Emission Control System

The exhaust emissions from your UXV500 are controlled by engine design, factory-set fuel delivery, ignition settings, and exhaust system design. This system also includes a secondary air supply system and a catalyzer in the exhaust system.

Noise Exhaust Emission Control System

The engine, intake and exhaust systems of your UXV500 were designed to comply with federal, state and local noise level requirements. Do not modify the engine ,intake or exhaust components, as doing so will affect compliance these noise level requirements.

Please do not modify or change any KYMCO-designed components that may alter the sound or emission level from your UXV500.

U.S. EPA EMISSION CONTROL STATEMENT/ WARRANTY COVERAGE
(U.S. Only)

STATEMENT/WARRANTY
KYMCO warrants to the original retail purchaser, and each subsequent purchaser, that all U.S. EPA-certified KYMCO UTV's are designed, built, and equipped to conform to all U.S. EPA Emission Control Regulations. Please read this statement completely.

Your authorized KYMCO dealer will repair or replace any defective emission-related component at no cost to you for parts or labor during the warranty period. You may have non-warranty service performed by any repair establishment that uses equivalent components and appropriate service techniques. Regulations exist that provide significant civil penalties for any tampering that would cause your UTV to no longer meet U.S. EPA emission standards.

KYMCO further warrants that the vehicle's engine and its emission-related components are free from defects in materials or workmanship that could cause the engine to fail to comply with applicable regulations during the warranty period.

If you have any questions about this information, or the emission warranty coverage statement, contact your local authorized KYMCO dealer.

WARRANTY PERIOD
The emissions warranty period for this UTV begins on the original date of sale (the same date as the start of the vehicle's Limited Warranty coverage) and continues for 30 months, or 3,100 miles, whichever comes first.

COVERED COMPONENTS
The emissions warranty covers major emissions control components and emission-related components as listed here:

Engine Management and Sensors
Barometric Pressure Sensor
Camshaft Position Sensor
Engine Control Unit (ECU)
Engine Coolant Temperature Sensor
Intake Air Temperature Sensor
Manifold Absolute Pressure Sensor
Oxygen Sensor
Throttle Position Sensor
Crankshaft Position Sensor

Ignition System
Connectors Ignition Coil
Knock Sensor System
Spark Plugs
Capacitive Discharge Ignition (CDI) Module
Magneto Pick-Up

Fuel/Air System
Fuel Injectors
Fuel Pressure Regulator Carburetor(s)
Turbocharger Assembly
Air Bypass Valve
Turbo Waste Gate Control Valve
Crankcase Ventilation System
ISC Valve

Miscellaneous Items Used in Aforementioned Systems
Switches
Grommets
Clamps
Hoses
Ties
Gaskets
Wiring

VEHICLE OWNER'S RESPONSIBILITIES
The owner of any UTV warranted under this KYMCO Emission Control Statement is responsible for the proper maintenance and use of the vehicle as stated in the vehicle's Owner's Manual. Proper maintenance generally includes replacement and service, at the owner's choosing and expense, of such items as air filter, oil and oil filter, or any other part, item, or device related to emissions control as specified in the Owner's Manual. It is the owner's responsibility to ensure that the UTV is used in a manner for which it was designed.

MAINTENANCE RECORD

DATE	MILEAGE	SERVICE PERFORMED & NOTES

MAINTENANCE RECORD

DATE	MILEAGE	SERVICE PERFORMED & NOTES

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Identification Numbers Record

1. IGNITION SWITCH KEY IDENTIFICATION NUMBER

The ignition switch key identification code is stamped on tab (1) supplied with the key. If you require a replacement key, you will need this code to obtain a new key from your authorized KYMCO dealer. Record the key number in the box above.

2. GLOVEBOX & GAS CAP KEY IDENTIFICATION NUMBER

The glovebox & gas cap key identification code is stamped on the key (2). Record the key number in the box above.

3. VEHICLE IDENTIFICATION NUMBER (VIN)

4. ENGINE SERIAL NUMBER (ESN)

Record the Vehicle Identification Number (3) and Engine Serial Number (4) in the boxes above for future reference (to assist you in ordering parts from your authorized KYMCO dealer or for reference in case the vehicle is stolen).

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